SONY

DIGITAL VIDEOCASSETTE RECORDER

DVW-A500, 500
DVW-A500/1, 500/1
DVW-A500P, 500P
DVW-A500P/1, 500P/1

DIGITAL VIDEOCASSETTE PLAYER

DVW-A510, 510
DVW-A510P, 510P
DVW-CA510, CA510P

ANALOG COMPOSITE DECODER BOARD
BKDW-505, 506

AUDIO PROGRAM PLAY BOARD
BKDW-507

PARALLEL (50P) INTERFACE KIT
BKDW-509

CONTROL PANEL EXTENSION KIT
BKDW-510

CONTROL PANEL CASE
BKDW-511

CONTROL PANEL
BKDW-514, 515

Digital BETACAM™

MAINTENANCE MANUAL Part 2

Volume 3 1st Edition (Revised 6)

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理など行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

DVW-A500 (J)	Serial No. 10001 and Higher
DVW-A500 (UC)	Serial No. 10001 and Higher
DVW-A500P (EK)	Serial No. 10001 and Higher
DVW-500 (J)	Serial No. 10001 and Higher
DVW-500 (UC)	Serial No. 10001 and Higher
DVW-500P (EK)	Serial No. 10001 and Higher
DVW-A510 (J)	Serial No. 10001 and Higher
DVW-A510 (UC)	Serial No. 10001 and Higher
DVW-A510P (EK)	Serial No. 10001 and Higher
DVW-510 (J)	Serial No. 10001 and Higher
DVW-510 (UC)	Serial No. 10001 and Higher
DVW-510P (EK)	Serial No. 10001 and Higher
DVW-CA510 (J)	Serial No. 10001 and Higher
DVW-CA510 (UC)	Serial No. 10001 and Higher
DVW-CA510P (EK)	Serial No. 10001 and Higher
BKDW-505	Serial No. 10001 and Higher
BKDW-506	Serial No. 10001 and Higher
BKDW-507	Serial No. 10001 and Higher
BKDW-509	Serial No. 10001 and Higher
BKDW-510	
BKDW-511	
BKDW-514	Serial No. 10001 and Higher
BKDW-515	Serial No. 10001 and Higher

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Manual Structure

Purpose of this manual

This manual is maintenance manual of the following products.

Product	
VTR:	DVW-A500, DVW-500, DVW-A510, DVW-510, DVW-CA510, DVW-A500P, DVW-500P, DVW-A510P, DVW-510P, DVW-CA510P
Optional equipments:	BKDW-505, BKDW-506, BKDW-507, BKDW-509, BKDW-510, BKDW-511, BKDW-514, BKDW-515

This manual describes the information items (adjustment, board layouts, schematic diagrams, detailed parts list, etc.) that premise the service based on the component parts.

Contents

The following is a summary of all the sections for understanding the contents of this manual.

Maintenance Manual Part 2, Volume 3

Section 1 Board Layouts
Describes the board layouts of the VTR and optional boards.

Section 2 Schematic Diagrams – Frame Wiring –
Describes the frame wiring of the VTR.

Section 3 Semiconductor Pin Assignments
Describes the pin assignments of semiconductors used in the VTR and optional boards.

(continue)

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Maintenance Manual Part 2, Volume 4	**Section 1**	**Schematic Diagrams for Recorder**
	Section 2	**Schematic Diagram for Optional Boards**
Maintenance Manual Part 2, Volume 5	**Section 1**	**Schematic Diagrams for Player**
	Section 2	**Schematic Diagram for Optional Boards**
Maintenance Manual Part 1[*1]	**Section 1**	**Service Overview**
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	Section 3	**Block Diagrams and Circuit Descriptions**
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	Section 9	**Spare Parts**

*1: There are two types manual for Maintenance Manual Part 1: Recorder (DVW-A500/500 or DVW-A500P/500P) and player (DVW-A510/510/CA510 or DVW-A510P/510P/CA510P).

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DVW-A500P/500P (PAL)
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DVW-A510P/510P/CA510P (PAL)

DVW-A5XX/5XX type ;
DVW-A500/500/A510/510 (NTSC)
DVW-A500P/500P/A510P/510P (PAL)
DVW-CA5XX type (for Batacart) ;
DVW-CA510 (NTSC)
DVW-CA510P (PAL)
DVW-A5XX/CA5XX type (with Batacam PB function) ;
DVW-A500/A510/CA510 (NTSC)
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Circuit Function

Circuit Function of Printed Circuit Board

System configuration	Board name	Circuit Function
Digital process	VPR-1	Video signal processor, A/D, D/A, Reference clock generator, Composite encoder (DVW-A500/A500P/500/500P)
	VPR-1B	Video signal processor, D/A, Reference clock generator, Composite encoder (DVW-A510/A510P/510/510P/CA510/CA510P)
	APR-1	Audio signal processor, A/D, D/A, AES/EBU interface (DVW-A500/A500P/500/500P)
	APR-1BA	Audio signal processor (with LAU interface), D/A, AES/EBU interface (DVW-A510/CA510/A510P/CA510P)
	APR-1B	Audio signal processor (without LAU interface), D/A, AES/EBU interface (DVW-510/510P)
	DIF-16	4:2:2 component serial digital I/O interface with Embedded audio (DVW-A500/A500P/500/500P)
	DIF-16B	4:2:2 component serial digital output interface with Embedded audio (DVW-A510/A510P/510/510P/CA510/CA510P)
	DPR-36	Digital data processor (Encode/Decode, Error correction) (DVW-A500/A500P/500/500P)
	DPR-36H	Digital data processor (Decode, Error correction) (DVW-A510/A510P/510/510P/CA510/CA510P)
RF, Analog process	EQ-45A	RF equalizer (REC current control, PB EQ), Betacam PB buffer (DVW-A500/A500P)
	EQ-45	RF equalizer (REC current control, PB EQ) (DVW-500/500P)
	EQ-45BA	PB RF equalizer, Betacam PB buffer (DVW-A510/CA510/A510P/CA510P)
	EQ-45B	PB RF equalizer (DVW-510/510P)
	CUE-1A/1AP	CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC (DVW-A500/A500P)
	CUE-1	CUE REC/PB and LTC REC/PB circuits, CUE/LTC/FULL erase OSC (DVW-500/500P)
	CUE-1BA	CUE/LTC/LAU PB circuits (DVW-A510/A510P/CA510/CA510P)
	CUE-1B	CUE/LTC PB circuits (DVW-510/510P)
Betacam playback (DVW-A500/A500P, DVW-A510/A510P, DVW-CA510/CA510P)	DM-89	RF demodulator
	TBC-24	TBC (A/D conversion & Write clock generate blocks)
	TBC-23	TBC (Sequence & Reference blocks)
	AP-28	AFM demodulator & LAU noise reduction
System/servo control	SS-52A	System, Servo, Analog/Digital DT control (DVW-A500/A500P)
	SS-52	System, Servo, Digital DT control (DVW-500/500P)
	SS-52B	System, Servo, Analog/Digital DT control for Player (DVW-A510/A510P/510/510P/CA510/CA510P)
	DT-34/34B	DT driver
	DR-307/200	Motors driver (Drum, Capstan, T/S reels, Threading, Reel shift, Cassette up/down), Solenoids driver (Pinch, T/S brake, Cleaning), Degaussing head driver

System configuration	Board name	Circuit Function
Mech.deck driver/sensor	CCM-15	Threading motor/Reel-shift motor
	PD-35	Pinch solenoid connection
	PTC-54	Threading FG
	PTC-59	Cassette's tabs sensor
	PTC-71	Reel position sensor
	RM-82	T/S reel motor
	RM-141	T reel motor (DVW-A500/A500P/A510/A510P/CA510/CA510P)
	SE-228	T/S reel FG
	TR-78	S tension sensor
	TR-79	T tension sensor, Thread/Unthread end sensor
Cassette compartment (except DVW-CA510/CA510P)	CL-29	Cassette up/down motor, Cassette down sensor
	LP-81	Lamp of cassette compartment
	PC-70	Cassette-in sensor, Cassette size sensor
Cassette compartment, Ejector (DVW-CA510/CA510P)	CL-28	Cassette compartment
	DU-91 or SE-237	Cassette OUT sensor/Cassette sensor/Ejector arm sensor
	IF-36	Betacart interface
	LED-200	ON AIR lamp
	SE-225	Cassette down sensor (1) or Cassette IN sensor
	SE-226	Cassette down sensor (2)
Front panel function	FP-58/58B	Sub control panel and Upper panel function (SWs, LEDs) control, CAV control level conversion
	VR-152	Audio REC and Phone level RVs, Phone connector (DVW-A500/A500P/500/500P)
	VR-152B	Phone level RV, Phone connector (DVW-A510/A510P/510/510P/CA510/CA510P)
	VR-153/153B	Audio PB level RVs
	SWC-17/17B	Upper panel function (SWs, LEDs)
	SWC-18/18B	Sub control panel function
	SWC-19/19B	System set-up panel function control
	KY-231/231B	Lower panel function control
	DP-176/176B	Time counter display
	PTC-69	Search dial sensor, Dial solenoid connection
Rear panel function	CP-218/218B	Rear connector board (Analog video) with input/output driver
	CP-220/220B	Rear connector board (Analog/Digital audio, TC)
	MB-441	Remote control connectors (CONTROL PANEL, REMOTE 1 IN/OUT, RS232C, VIDEO CONTROL)
Power	AC-139/139B	AC connector board with breaker for PAL models (DVW-A500P/500P/A510P/510P/CA510P)
	AC-155/155B	AC connector board with breaker for NTSC models (DVW-A500/500/A510/510/CA510)
SOPS-1042 or SOPS-1042 (A)	SOPS-1019C	Switching regulator
	SOPS-1042A	Switching regulator (inc. SOPS-1019C/1042S boards)
	SOPS-1042B or SOPS-1042D	Switching regulator (AC-DC)
	SOPS-1042S	Switching regulator

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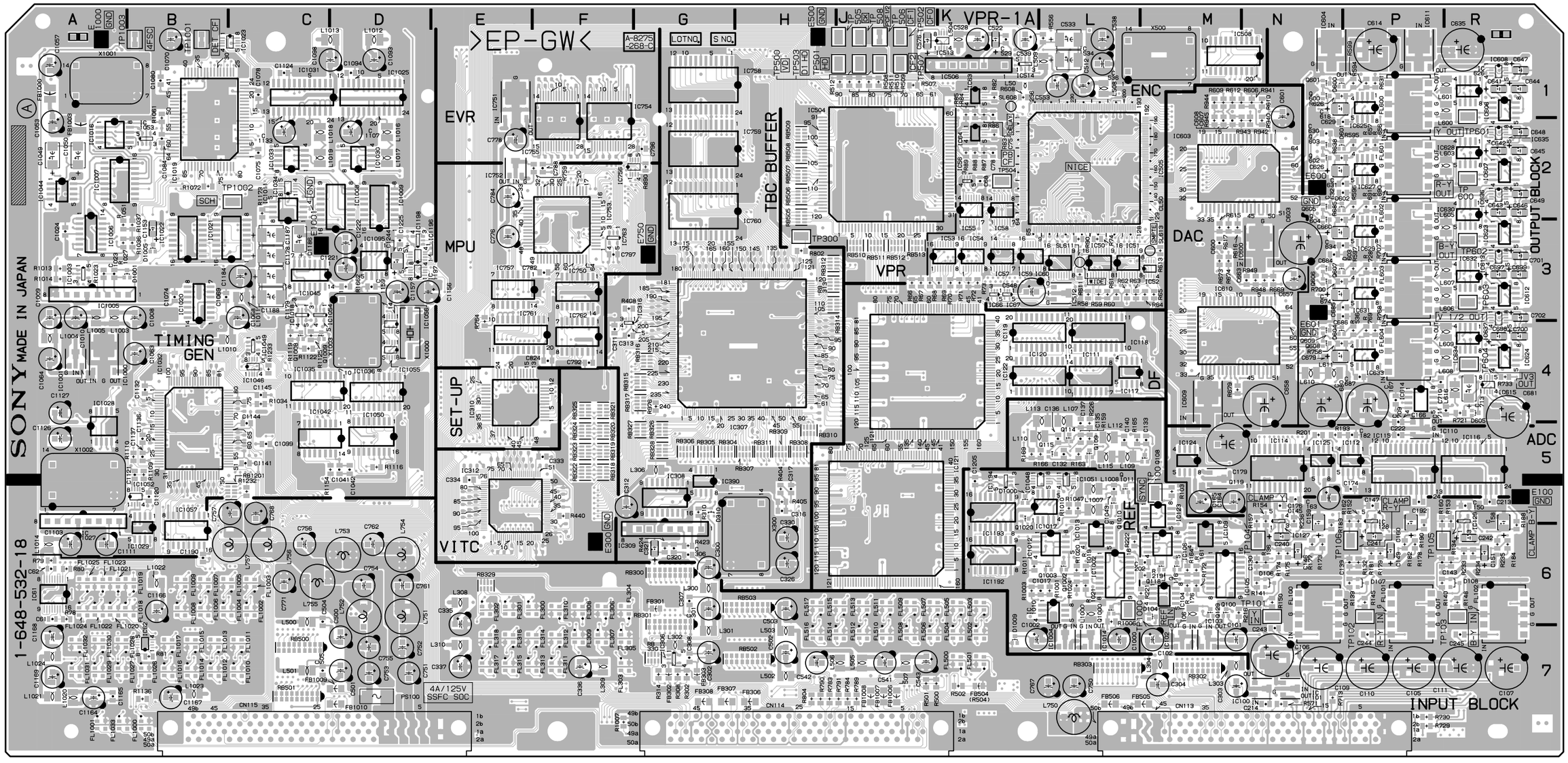
System configuration		Board name	Circuit Function
Other		MB-441	Mother board
		HN-181	Connection board with REC inhibit sensor (Drum/Capstan/Reel-shift motors, CTL head, DT-34/34B/HN-184/HN-185/PTC-59/PTC-71 boards) (REC inhibit sensor is for DVW-A500/A500P/500/500P.)
		HN-184	Connection board (Threading motor, Tape end sensor, PD-35/PTC-54/TR-78 boards)
		HN-185	Connection board with dew sensor (Tape top sensor, Cassette compartment, TR-79 board, Slip ring)
Option	BKDW-505 BKDW-506	DEC-65	Analog composite video decoder (Composite-component conversion, A/D conversion)
	BKDW-507	PP-45	Audio program play
	BKDW-509	RM-130	Parallel (50P) interface
	BKDW-514	KY-231	Lower panel function control
		DP-176	Time counter display
		PTC-69	Search dial sensor, Dial solenoid connection
	BKDW-515	KY-330	Editing operation/tape transport control switches, Memory card connector
		CP-266	Panel control CPU, EL control, PIO, Memory card I/F
		SW-749	Function control swithes
		PTC-69	Search dial sensor, Dial solenoid connection

VPR-1A ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder

(Board's Lot No. 909 and higher)
All DVWs

VPR-1A (1-648-532-18)

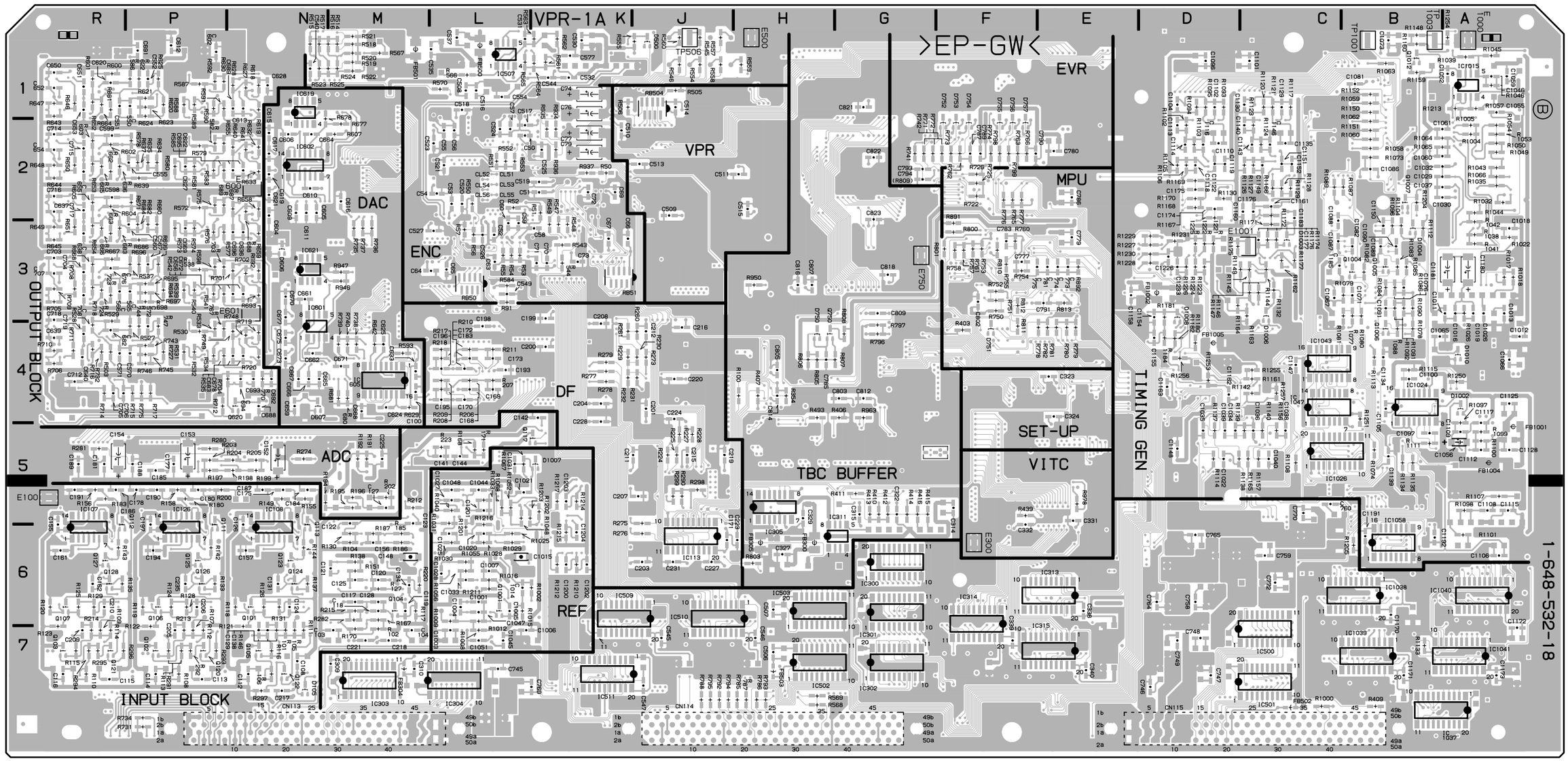
CL50	M2	FL305	F7	IC103	M7	IC637	R3	L302	G7	Q604	N2	TP508	J1
CL51	*L2	FL306	F6	IC104	M6	IC750	F3	L303	M7	Q605	N2	TP600	R2
CL52	*L2	FL307	F7	IC105	M6	IC751	E1	L304	M7	Q606	N3	TP601	R1
CL53	*L2	FL308	F6	IC106	M6	IC752	E2	L306	G5	Q607	N3	TP602	R3
CL54	*L2	FL309	F7	IC107	*R6	IC753	F3	L308	E6	Q608	N4	TP603	R3
CL55	*L2	FL310	F6	IC108	*N6	IC754	F1	L309	F7	Q609	N4	TP604	R4
CL56	*L2	FL311	F7	IC109	M6	IC755	F1	L310	E7	Q620	*N4	TP1000	L6
		FL312	F7	IC110	P5	IC756	F2	L500	C6	Q750	*H4	TP1001	B1
CN113	N7	FL313	E7	IC111	L4	IC757	E3	L501	C7	Q1000	L6	TP1002	C2
CN114	H7	FL314	E7	IC112	P5	IC758	G1	L502	H7	Q1001	*L6	TP1003	B1
CN115	C7	FL315	E7	IC113	*J5	IC759	G2	L503	H7	Q1002	L6		
		FL316	E7	IC114	N5	IC760	G2	L504	K1	Q1003	L6	X300	H6
D104	M6	FL317	E7	IC115	P5	IC761	F3	L505	J7	Q1004	*B3	X500	M1
D105	*N7	FL318	E7	IC116	R5	IC762	F4	L506	J7	Q1005	*B3	X1000	D4
D106	N6	FL500	K7	IC117	L4	IC763	F3	L507	J7	Q1006	*B4	X1001	A1
D107	P6	FL501	K7	IC118	L4	IC1000	A4	L508	L1	Q1007	*B2	X1002	A5
D108	R6	FL502	K7	IC119	K4	IC1001	A4	L509	L1	Q1008	C4	X1003	D4
D310	G5	FL503	K6	IC120	K4	IC1002	L6	L600	R1	Q1009	C4		
D500	*J1	FL504	K7	IC121	J5	IC1003	A3	L601	R1	Q1010	L5	*:B SIDE	
D600	N1	FL505	K6	IC122	J4	IC1004	L7	L603	R2	Q1011	L5		
D601	N2	FL506	J7	IC123	M5	IC1005	B3	L605	R3	Q1012	*B1		
D602	N2	FL507	J6	IC124	M5	IC1006	A2	L606	R3	Q1020	K5		
D603	N3	FL508	J7	IC125	N5	IC1007	A2	L607	R3				
D604	N4	FL509	J6	IC126	*P6	IC1008	D3	L608	R4	RB50	*L3		
D605	R4	FL510	J7	IC127	N5	IC1009	D3	L609	R4	RB51	*K3		
D606	*N3	FL511	J6	IC128	P5	IC1010	L6	L610	N4	RB300	G6		
D607	*N4	FL512	J7	IC129	R5	IC1011	C2	L611	N4	RB301	G6		
D750	*H4	FL513	J6	IC300	*G6	IC1012	K6	L616	R4	RB302	M7		
D751	*F4	FL514	J7	IC301	*G6	IC1013	L6	L750	L7	RB303	L7		
D752	*F2	FL515	J6	IC302	*G7	IC1014	L7	L751	D6	RB304	G5		
D753	*F2	FL516	H7	IC303	*M7	IC1015	*A1	L752	D6	RB305	G5		
D754	*F2	FL517	H6	IC304	*L7	IC1016	A2	L753	D6	RB306	G5		
D755	*F2	FL600	P1	IC305	*H5	IC1017	K5	L754	D6	RB307	H5		
D756	*F2	FL601	P2	IC306	G7	IC1018	C3	L755	C6	RB308	H5		
D757	*F2	FL602	P3	IC307	H4	IC1019	B2	L756	C6	RB309	H5		
D1000	K5	FL603	P3	IC308	G5	IC1020	B3	L757	C6	RB310	H5		
D1001	A3	FL604	P4	IC309	G6	IC1021	C3	L1000	L6	RB311	H5		
D1002	*A4	FL1000	B7	IC310	E4	IC1022	B3	L1003	A3	RB312	H3		
D1003	*C3	FL1001	A7	IC311	*H6	IC1023	C1	L1004	A4	RB313	H3		
D1004	*B3	FL1002	C6	IC312	E5	IC1024	*B4	L1005	A3	RB314	H3		
D1005	B3	FL1003	C6	IC313	*E6	IC1025	D1	L1007	L5	RB315	G4		
D1006	*C3	FL1004	B6	IC314	*F6	IC1026	*C5	L1008	L5	RB316	G4		
D1007	*K5	FL1005	B6	IC315	*E7	IC1027	A5	L1010	B4	RB317	G4		
D1008	*D3	FL1006	B6	IC316	F4	IC1028	A5	L1011	C3	RB318	F5		
D1009	K7	FL1007	B6	IC390	G5	IC1029	B5	L1012	D1	RB319	F5		
D1010	*A4	FL1008	B6	IC500	*C7	IC1030	D2	L1013	C1	RB320	F5		
		FL1009	B6	IC501	*C7	IC1031	C1	L1014	A6	RB321	F4		
E100	R5	FL1010	C7	IC502	*H7	IC1032	B5	L1016	D2	RB322	F5		
E300	F6	FL1011	C7	IC503	*H6	IC1033	C2	L1017	D2	RB323	F5		
E500	H1	FL1012	B7	IC504	J2	IC1034	C2	L1018	C2	RB324	F5		
E600	N2	FL1013	B7	IC505	L2	IC1035	D4	L1019	C2	RB325	F4		
E601	N3	FL1014	B7	IC506	K1	IC1036	D4	L1020	A7	RB326	G5		
E750	G3	FL1015	B7	IC507	*L1	IC1037	*A7	L1021	A7	RB327	G5		
E1000	A1	FL1016	B7	IC508	N1	IC1038	*B6	L1022	B6	RB328	G5		
E1001	C3	FL1017	B7	IC509	*J6	IC1039	*B7	L1023	B7	RB329	E6		
		FL1018	B6	IC510	*H6	IC1040	*A6	L1024	A7	RB330	G7		
FB300	*H6	FL1019	B6	IC511	*K7	IC1041	*A7			RB500	C7		
FB301	G6	FL1020	A6	IC512	L3	IC1042	D5	PS100	D7	RB501	C7		
FB302	G7	FL1021	A6	IC513	K1	IC1043	*C4			RB502	H7		
FB303	G7	FL1022	A6	IC514	K1	IC1044	A2	Q100	M6	RB503	H6		
FB304	*M7	FL1023	A6	IC600	N3	IC1045	C3	Q101	*N6	RB504	*J1		
FB305	*H6	FL1024	A6	IC601	*N4	IC1046	C4	Q102	*P7	RB505	H2		
FB306	H7	FL1025	A6	IC602	*N2	IC1047	*C4	Q103	*R7	RB506	H2		
FB307	G7	FL1026	B7	IC603	M2	IC1048	L5	Q104	*M6	RB507	H2		
FB308	G7	FL1027	A7	IC604	N1	IC1049	C4	Q105	*N7	RB508	H2		
FB500	*L1	FL1028	A7	IC605	*M4	IC1050	D4	Q106	*P6	RB509	H2		
FB501	*M1	FL1029	A7	IC606	R1	IC1051	L5	Q107	*R6	RB510	J3		
FB502	*C7	FL1030	A7	IC607	R2	IC1052	B5	Q108	M5	RB511	J3		
FB503	*H7	FL1031	A7	IC608	R1	IC1053	B2	Q109	L5	RB512	J3		
FB504	K7	FL1032	A7	IC609	M4	IC1054	C3	Q111	*P5	RB513	J3		
FB505	M7	FL1033	A7	IC610	M4	IC1055	D4	Q112	*R5	RB1201	C5		
FB506	L7			IC611	P1	IC1056	D4	Q113	*N5				
FB1000	A1	IC50	L3	IC612	R3	IC1057	B5	Q114	L5	SL608	K1		
FB1001	*A5	IC51	L3	IC613	R3	IC1058	*B6	Q115	L5	SL611	L3		
FB1002	*D3	IC52	M3	IC614	P4	IC1095	D3	Q116	M6	SL613	M3		
FB1003	A2	IC53	J3	IC615	R4	IC1192	K6	Q117	*K5				
FB1004	*A5	IC54	K3	IC619	*N2	IC1193	K6	Q118	M6	TP100	M5		
FB1005	*D4	IC55	K3	IC621	*N3	IC1194	K5	Q119	M5	TP101	N6		
FB1006	J7	IC56	K2	IC623	R3	IC1196	D3	Q120	*P7	TP102	P6		
FB1007	J7	IC57	K3	IC624	R4	IC1197	D3	Q121	*R7	TP103	R6		
FB1008	J7	IC58	K3	IC625	P1	IC1198	D3	Q122	*N7	TP104	N6		
FB1009	D7	IC59	K3	IC626	R1			Q123	*N6	TP105	P6		
FB1010	D7	IC60	L3	IC627	P2	L50	K1	Q124	*N6	TP106	P6		
		IC61	A6	IC628	R2	L106	M6	Q125	*P6	TP300	H3		
FL100	N6	IC62	B7	IC629	P2	L107	L4	Q126	*P6	TP500	J1		
FL101	P6	IC63	K1	IC630	R2	L109	L5	Q127	*R6	TP501	J1		
FL102	R6	IC64	K2	IC631	P3	L110	K5	Q128	*R6	TP502	J1		
FL300	E6	IC66	K3	IC632	R3	L112	L5	Q129	M6	TP503	J1		
FL301	E6	IC67	K3	IC633	P4	L113	L4	Q600	N1	TP504	K2		
FL302	E6	IC100	N7	IC634	R4	L115	L5	Q601	N1	TP505	J1		
FL303	F7	IC101	N7	IC635	R2	L300	G6	Q602	N2	TP506	J1		
FL304	F6	IC102	M7	IC636	R2	L301	G7	Q603	N2	TP507	J1		



VPR-1A BOARD -A SIDE-

1-648-532-18 (LOT No. 909 -)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1APG	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1A	MCB
DVW-500(UC)	; VPR-1A	MCB
DVW-500P(EK)	; VPR-1APG	MCB
DVW-500P(UC)	; VPR-1APG	MCB
DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1BA	MCB
DVW-510(UC)	; VPR-1BA	MCB
DVW-510P(EK)	; VPR-1BAP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB



VPR-1A BOARD -B SIDE-

1-648-532-18 (LOT No. 909 -)

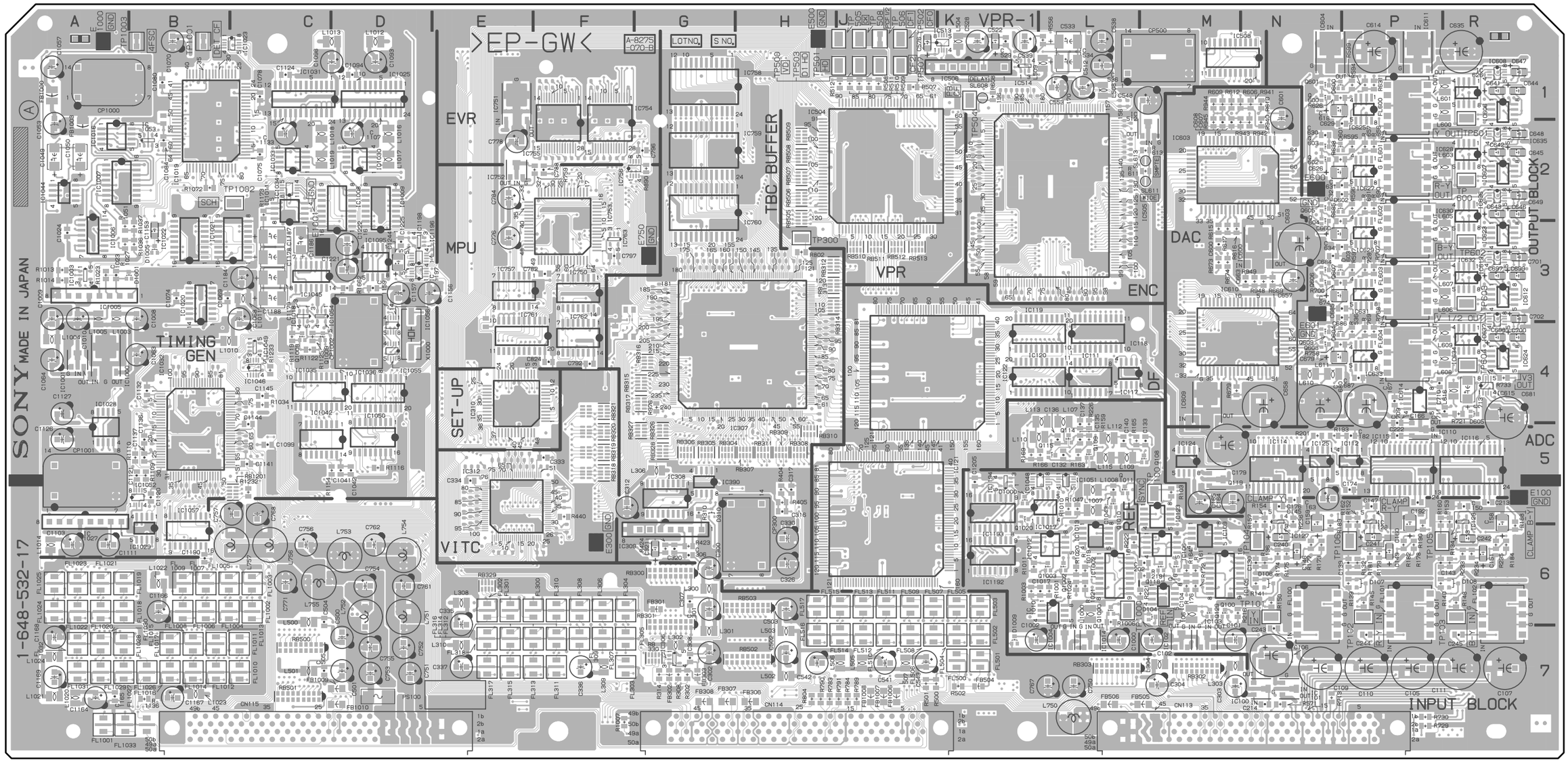
DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1APG	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1A	MCB
DVW-500(UC)	; VPR-1A	MCB
DVW-500P(EK)	; VPR-1APG	MCB
DVW-500P(UC)	; VPR-1APG	MCB
DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1BA	MCB
DVW-510(UC)	; VPR-1BA	MCB
DVW-510P(EK)	; VPR-1BAP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB

VPR-1 ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder

(Board's Lot No. 803 through 908)
All recorder models

VPR-1 (1-648-532-17)

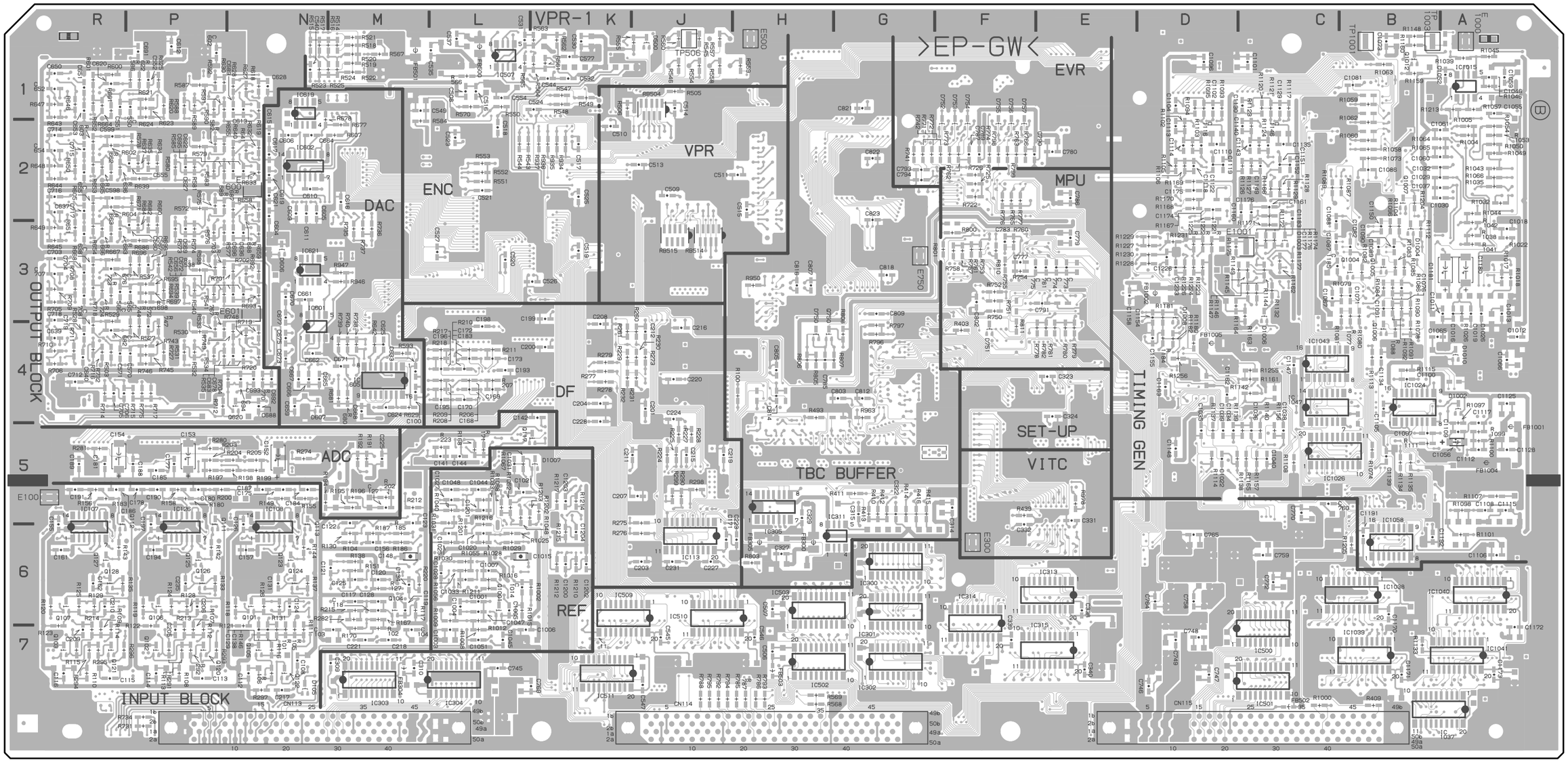
CN113	N7	FL317	E7	IC303	*M7	IC1021	C3	L1007	L5	RB321	F4
CN114	H7	FL318	E7	IC304	*L7	IC1022	B3	L1008	L5	RB326	G5
CN115	C7	FL500	K7	IC305	*H5	IC1023	C1	L1010	B4	RB327	G5
		FL501	K7	IC306	G7	IC1024	*B4	L1011	C3	RB328	G5
CP300	H6	FL502	K7	IC307	H4	IC1025	D1	L1012	D1	RB329	E6
CP500	M1	FL503	K6	IC308	G5	IC1026	*C5	L1013	C1	RB330	G7
CP1000	A1	FL504	K7	IC309	G6	IC1027	A5	L1014	A6	RB500	C7
CP1001	A5	FL505	K6	IC311	*H6	IC1028	A5	L1016	D2	RB501	C7
CP1002	D4	FL506	J7	IC312	E5	IC1029	B5	L1017	D2	RB502	H7
		FL507	J6	IC314	*F6	IC1030	D2	L1018	C2	RB503	H6
D104	M6	FL508	J7	IC315	*E7	IC1031	C1	L1019	C2	RB504	*J1
D105	*N7	FL509	J6	IC500	*C7	IC1032	B5	L1020	A7	RB505	H2
D106	N6	FL510	J7	IC501	*C7	IC1033	C2	L1021	A7	RB506	H2
D107	P6	FL511	J6	IC502	*H7	IC1034	C2	L1022	B6	RB507	H2
D108	R6	FL512	J7	IC503	*H6	IC1035	D4	L1023	B7	RB508	H2
D310	G5	FL513	J6	IC504	J2	IC1036	D4	L1024	A7	RB509	H2
D603	N3	FL514	J7	IC505	L2	IC1037	*A7			RB510	J3
D604	N4	FL515	J6	IC506	K1	IC1038	*B6	PS100	D7	RB511	J3
D605	R4	FL516	H7	IC507	*L1	IC1039	*B7			RB512	J3
D606	*N3	FL517	H6	IC508	N1	IC1040	*A6	Q100	M6	RB513	J3
D607	*N4	FL600	P1	IC509	*J6	IC1041	*A7	Q101	*N6		
D750	*H4	FL601	P2	IC510	*H6	IC1042	D5	Q102	*P7	TP100	M5
D751	*F4	FL602	P3	IC511	*K7	IC1043	*C4	Q103	*R7	TP101	N6
D752	*F2	FL603	P3	IC512	M2	IC1044	A2	Q104	*M6	TP102	P6
D753	*F2	FL604	P4	IC514	K1	IC1045	C3	Q105	*N7	TP103	R6
D754	*F2	FL1001	A7	IC600	N3	IC1046	C4	Q106	*P6	TP104	N6
D755	*F2	FL1002	C6	IC601	*N4	IC1047	*C4	Q107	*R6	TP105	P6
D756	*F2	FL1003	C6	IC602	*N2	IC1048	L5	Q108	M5	TP106	P6
D757	*F2	FL1004	B6	IC603	M2	IC1049	C4	Q109	L5	TP300	H3
D1000	K5	FL1005	B6	IC604	N1	IC1050	D4	Q111	*P5	TP500	J1
D1002	*A4	FL1006	B6	IC605	*M4	IC1051	L5	Q112	*R5	TP501	J1
D1003	*C3	FL1007	B6	IC606	R1	IC1052	B5	Q113	*N5	TP502	J1
D1004	*B3	FL1008	B6	IC607	R2	IC1053	B2	Q114	L5	TP503	J1
D1005	B3	FL1009	B6	IC608	R1	IC1054	C3	Q115	L5	TP504	K1
D1006	*C3	FL1010	C7	IC609	M4	IC1057	B5	Q116	M6	TP505	J1
D1007	*K5	FL1011	C7	IC610	M4	IC1058	*B6	Q117	*K5	TP506	J1
D1009	K7	FL1012	B7	IC611	P1	IC1095	D3	Q118	M6	TP507	J1
D1010	*A4	FL1013	B7	IC612	R3	IC1192	K6	Q119	M5	TP508	J1
		FL1014	B7	IC613	R3	IC1193	K6	Q123	*N6	TP600	R2
E100	R5	FL1015	B7	IC614	P4	IC1194	K5	Q124	*N6	TP601	R1
E1001	C3	FL1016	B7	IC615	R4	IC1196	D3	Q125	*P6	TP602	R3
E300	F6	FL1017	B7	IC619	*N2	IC1197	D3	Q126	*P6	TP603	R3
E500	H1	FL1018	A6	IC621	*N3	IC1198	D3	Q127	*R6	TP604	R4
E600	N2	FL1019	A6	IC623	R3			Q128	*R6	TP1000	L6
E601	N3	FL1020	A6	IC624	R4	L106	M6	Q129	M6	TP1001	B1
E750	G3	FL1021	A6	IC625	P1	L107	L4	Q600	N1	TP1002	C2
E1000	A1	FL1022	A6	IC626	R1	L109	L5	Q601	N1	TP1003	B1
		FL1023	A6	IC627	P2	L110	K5	Q602	N2		
FB300	*H6	FL1024	A6	IC628	R2	L112	L5	Q603	N2	*:B SIDE	
FB301	G6	FL1025	A6	IC629	P2	L113	L4	Q604	N2		
FB302	G7	FL1026	B7	IC630	R2	L115	L5	Q605	N2		
FB303	G7	FL1027	A7	IC631	P3	L300	G6	Q606	N3		
FB304	*M7	FL1028	A7	IC632	R3	L301	G7	Q607	N3		
FB305	*H6	FL1029	A7	IC633	P4	L302	G7	Q608	N4		
FB306	H7	FL1030	A7	IC634	R4	L303	M7	Q609	N4		
FB307	G7	FL1031	A7	IC635	R2	L304	M7	Q620	*N4		
FB308	G7	FL1032	A7	IC636	R2	L306	G5	Q750	*H4		
FB500	*L1	FL1033	A7	IC637	R3	L309	F7	Q1000	L6		
FB501	*M1			IC750	F3	L310	E7	Q1001	*L6		
FB502	*C7	IC100	N7	IC751	E1	L500	C6	Q1002	L6		
FB503	*H7	IC101	N7	IC752	E2	L501	C7	Q1003	L6		
FB504	K7	IC102	M7	IC753	F3	L502	H7	Q1004	*B3		
FB505	M7	IC103	M7	IC754	F1	L503	H7	Q1005	*B3		
FB506	L7	IC104	M6	IC755	F1	L504	K1	Q1006	*B4		
FB1000	A1	IC105	M6	IC756	F2	L505	J7	Q1007	*B2		
FB1001	*A5	IC106	M6	IC757	E3	L506	J7	Q1008	C4		
FB1002	*D3	IC107	*R6	IC758	G1	L507	J7	Q1009	C4		
FB1003	A2	IC108	*N6	IC759	G2	L508	L1	Q1010	L5		
FB1005	*D4	IC109	M6	IC760	G2	L509	L1	Q1011	L5		
FB1006	J7	IC110	P5	IC761	F3	L600	R1	Q1012	*B1		
FB1007	J7	IC111	L4	IC762	F4	L601	R1				
FB1008	J7	IC112	P5	IC763	F3	L603	R2	RB300	G6		
FB1009	D7	IC113	*J5	IC1000	A4	L605	R3	RB301	G6		
FB1010	D7	IC114	N5	IC1001	A4	L606	R3	RB302	M7		
		IC115	P5	IC1002	L6	L607	R3	RB303	L7		
FL100	N6	IC116	R5	IC1003	A3	L608	R4	RB304	G5		
FL101	P6	IC117	L4	IC1004	L7	L609	R4	RB305	G5		
FL102	R6	IC118	L4	IC1006	A2	L610	N4	RB306	G5		
FL303	F7	IC119	K4	IC1007	A2	L611	N4	RB307	H5		
FL304	F6	IC120	K4	IC1008	D3	L616	R4	RB308	H5		
FL305	F7	IC121	J5	IC1009	D3	L750	L7	RB309	H5		
FL306	F6	IC122	J4	IC1010	L6	L751	D6	RB310	H5		
FL307	F7	IC123	M5	IC1011	C2	L752	D6	RB311	H5		
FL308	F6	IC124	M5	IC1012	K6	L753	D6	RB312	H3		
FL309	F7	IC125	N5	IC1013	L6	L754	D6	RB313	H3		
FL310	F6	IC126	*P6	IC1014	L7	L755	C6	RB314	H3		
FL311	F7	IC127	N5	IC1015	*A1	L756	C6	RB315	G4		
FL312	F7	IC128	P5	IC1016	A2	L757	C6	RB316	G4		
FL313	E7	IC129	R5	IC1017	K5	L1000	L6	RB317	G4		
FL314	E7	IC300	*G6	IC1018	C3	L1003	A3	RB318	F5		
FL315	E7	IC301	*G6	IC1019	B2	L1004	A4	RB319	F5		
FL316	E7	IC302	*G7	IC1020	B3	L1005	A3	RB320	F5		



VPR-1 BOARD -A SIDE-

1-648-532-17 (LOT No. 803 - 908)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1APG	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1A	MCB
DVW-500(UC)	; VPR-1A	MCB
DVW-500P(EK)	; VPR-1APG	MCB
DVW-500P(UC)	; VPR-1APG	MCB



VPR-1 BOARD -B SIDE-

1-648-532-17 (LOT No. 803 - 908)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1APG	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1A	MCB
DVW-500(UC)	; VPR-1A	MCB
DVW-500P(EK)	; VPR-1APG	MCB
DVW-500P(UC)	; VPR-1APG	MCB

VPR-1 ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder

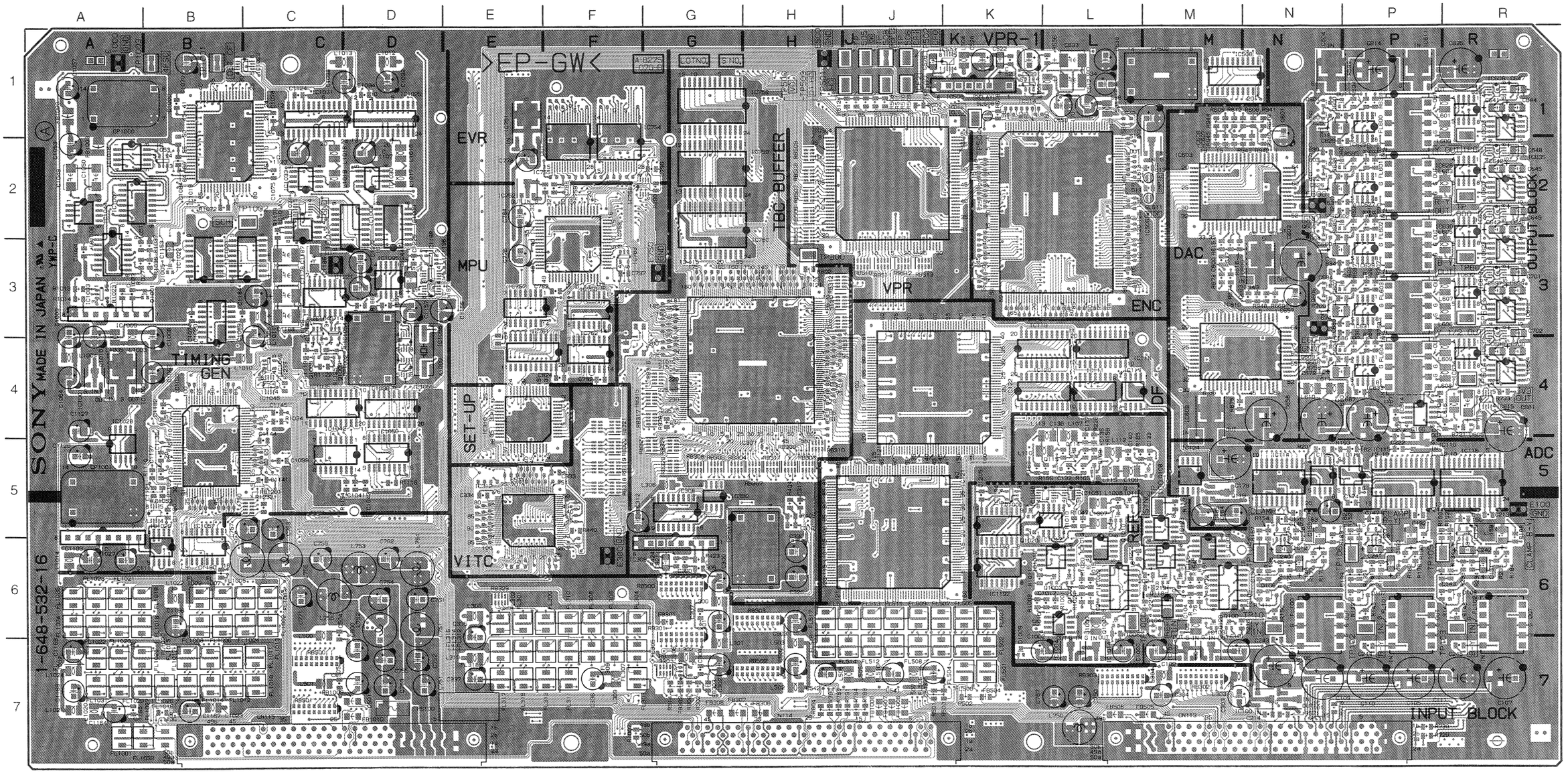
(Board's Lot No. 705 through 802)
All recorder models

VPR-1(1-648-532-16)

CN113	N-7	FL303	F-7	IC104	M-6	IC628	R-2	IC1054	C-3	Q100	M-6	RB329	E-6
CN114	H-7	FL304	F-6	IC105	M-6	IC629	P-2	IC1057	B-5	*Q101	N-6	RB330	G-7
CN115	C-7	FL305	F-7	IC106	M-6	IC630	R-2	*IC1058	B-6	*Q102	P-7	RB500	C-7
		FL306	F-6	*IC107	R-6	IC631	P-3	IC1095	D-3	*Q103	R-7	RB501	C-7
CP300	H-6	FL307	F-7	*IC108	N-6	IC632	R-3	IC1192	K-6	*Q104	M-6	RB502	H-7
CP500	M-1	FL308	F-6	IC109	M-6	IC633	P-4	IC1193	K-6	*Q105	N-7	RB503	H-6
CP1000	A-1	FL309	F-7	IC110	P-5	IC634	R-4	IC1194	K-5	*Q106	P-6	*RB504	J-1
CP1001	A-5	FL310	F-6	IC111	L-4	IC635	R-2	IC1196	D-3	*Q107	R-6	RB505	H-2
CP1002	D-4	FL311	F-7	IC112	P-5	IC636	R-2	IC1197	D-3	Q108	M-5	RB506	H-2
		FL312	F-7	*IC113	J-5	IC637	R-3	IC1198	D-3	Q109	L-5	RB507	H-2
D104	M-6	FL313	E-7	IC114	N-5	IC750	F-3			*Q111	P-5	RB508	H-2
*D105	N-7	FL314	E-7	IC115	P-5	IC751	E-1	L106	M-6	*Q112	R-5	RB509	H-2
D106	N-6	FL315	E-7	IC116	R-5	IC752	E-2	L107	L-4	*Q113	N-5	RB510	J-3
D107	P-6	FL316	E-7	IC117	L-4	IC753	F-3	L109	L-5	Q114	L-5	RB511	J-3
D108	R-6	FL317	E-7	IC118	L-4	IC754	F-1	L110	K-5	Q115	L-5	RB512	J-3
D603	N-3	FL318	E-7	IC119	K-4	IC755	F-1	L112	L-5	Q116	M-6	RB513	J-3
D604	N-4	FL500	K-7	IC120	K-4	IC756	F-2	L113	L-4	*Q117	K-5		
D605	R-4	FL501	K-7	IC121	J-5	IC757	E-3	L115	L-5	Q118	M-6	TP100	M-5
*D606	N-3	FL502	K-7	IC122	J-4	IC758	G-1	L300	G-6	Q119	M-5	TP101	N-6
*D607	N-4	FL503	K-6	IC123	M-5	IC759	G-2	L301	G-7	*Q123	N-6	TP102	P-6
*D750	H-4	FL504	K-7	IC124	M-5	IC760	G-2	L302	G-7	*Q124	N-6	TP103	R-6
*D751	F-4	FL505	K-6	IC125	N-5	IC761	F-3	L303	M-7	*Q125	P-6	TP104	N-6
*D752	F-2	FL506	J-7	*IC126	P-6	IC762	F-4	L304	M-7	*Q126	P-6	TP105	P-6
*D753	F-2	FL507	J-6	IC127	N-5	IC763	F-3	L306	G-5	*Q127	R-6	TP106	P-6
*D754	F-2	FL508	J-7	IC128	P-5	IC1000	A-4	L309	F-7	*Q128	R-6	TP300	H-3
*D755	F-2	FL509	J-6	IC129	R-5	IC1001	A-4	L310	E-7	Q129	M-6	TP500	J-1
*D756	F-2	FL510	J-7	*IC300	G-6	IC1002	L-6	L500	C-6	Q600	N-1	TP501	J-1
*D757	F-2	FL511	J-6	*IC301	G-6	IC1003	A-3	L501	C-7	Q601	N-1	TP502	J-1
D1000	K-5	FL512	J-7	*IC302	G-7	IC1004	L-7	L502	H-7	Q602	N-2	TP503	J-1
*D1002	A-4	FL513	J-6	*IC303	M-7	IC1006	A-2	L503	H-7	Q603	N-2	TP504	K-1
*D1003	C-3	FL514	J-7	*IC304	L-7	IC1007	A-2	L504	K-1	Q604	N-2	TP505	J-1
*D1004	B-3	FL515	J-6	*IC305	H-5	IC1008	D-3	L505	J-7	Q605	N-2	TP506	J-1
D1005	B-3	FL516	H-7	IC306	G-7	IC1009	D-3	L506	J-7	Q606	N-3	TP507	J-1
*D1006	C-3	FL517	H-6	IC307	H-4	IC1010	L-6	L507	J-7	Q607	N-3	TP508	J-1
*D1007	K-5	FL600	P-1	IC308	G-5	IC1011	C-2	L508	L-1	Q608	N-4	TP600	R-2
D1009	K-7	FL601	P-2	IC309	G-6	IC1012	K-6	L509	L-1	Q609	N-4	TP601	R-1
*D1010	A-4	FL602	P-3	*IC311	H-6	IC1013	L-6	L600	R-1	*Q620	N-4	TP602	R-3
		FL603	P-3	IC312	E-5	IC1014	L-7	L601	R-1	*Q750	H-4	TP603	R-3
E100	R-5	FL604	P-4	*IC314	F-6	*IC1015	A-1	L603	R-2	Q1000	L-6	TP604	R-4
E300	F-6	FL1001	A-7	*IC315	E-7	IC1016	A-2	L605	R-3	*Q1001	L-6	TP1000	L-6
E500	H-1	FL1002	C-6	*IC500	C-7	IC1017	K-5	L606	R-3	Q1002	L-6	TP1001	B-1
E600	N-2	FL1003	C-6	*IC501	C-7	IC1018	C-3	L607	R-3	Q1003	L-6	TP1002	C-2
E601	N-3	FL1004	B-6	*IC502	H-7	IC1019	B-2	L608	R-4	*Q1004	B-3	TP1003	B-1
E750	G-3	FL1005	B-6	*IC503	H-6	IC1020	B-3	L609	R-4	*Q1005	B-3		
E1000	A-1	FL1006	B-6	IC504	J-2	IC1021	C-3	L610	N-4	*Q1006	B-4		
E1001	C-3	FL1007	B-6	IC505	L-2	IC1022	B-3	L611	N-4	*Q1007	B-2		
		FL1008	B-6	IC506	K-1	IC1023	C-1	L616	R-4	Q1008	C-4		
*FB300	H-6	FL1009	B-6	*IC507	L-1	*IC1024	B-4	L750	L-7	Q1009	C-4		
FB301	G-6	FL1010	C-7	IC508	N-1	IC1025	D-1	L751	D-6	Q1010	L-5		
FB302	G-7	FL1011	C-7	*IC509	J-6	*IC1026	C-5	L752	D-6	Q1011	L-5		
FB303	G-7	FL1012	B-7	*IC510	H-6	IC1027	A-5	L753	D-6	*Q1012	B-1		
*FB304	M-7	FL1013	B-7	*IC511	K-7	IC1028	A-5	L754	D-6				
*FB305	H-6	FL1014	B-7	IC512	M-2	IC1029	B-5	L755	C-6	RB300	G-6		
FB306	H-7	FL1015	B-7	IC514	K-1	IC1030	D-2	L756	C-6	RB301	G-6		
FB307	G-7	FL1016	B-7	IC600	N-3	IC1031	C-1	L757	C-6	RB302	M-7		
FB308	G-7	FL1017	B-7	*IC601	N-4	IC1032	B-5	L1000	L-6	RB303	L-7		
*FB500	L-1	FL1018	A-6	*IC602	N-2	IC1033	C-2	L1003	A-3	RB304	G-5		
*FB501	M-1	FL1019	A-6	IC603	M-2	IC1034	C-2	L1004	A-4	RB305	G-5		
*FB502	C-7	FL1020	A-6	IC604	N-1	IC1035	D-4	L1005	A-3	RB306	G-5		
*FB503	H-7	FL1021	A-6	*IC605	M-4	IC1036	D-4	L1007	L-5	RB307	H-5		
FB504	K-7	FL1022	A-6	IC606	R-1	*IC1037	A-7	L1008	L-5	RB308	H-5		
FB505	M-7	FL1023	A-6	IC607	R-2	*IC1038	B-6	L1010	B-4	RB309	H-5		
FB506	L-7	FL1024	A-6	IC608	R-1	*IC1039	B-7	L1011	C-3	RB310	H-5		
FB1000	A-1	FL1025	A-6	IC609	M-4	*IC1040	A-6	L1012	D-1	RB311	H-5		
*FB1001	A-5	FL1026	B-7	IC610	M-4	*IC1041	A-7	L1013	C-1	RB312	H-3		
*FB1002	D-3	FL1027	A-7	IC611	P-1	IC1042	D-5	L1014	A-6	RB313	H-3		
FB1003	A-2	FL1028	A-7	IC612	R-3	*IC1043	C-4	L1016	D-2	RB314	H-3		
*FB1005	D-4	FL1029	A-7	IC613	R-3	IC1044	A-2	L1017	D-2	RB315	G-4		
FB1006	J-7	FL1030	A-7	IC614	P-4	IC1045	C-3	L1018	C-2	RB316	G-4		
FB1007	J-7	FL1031	A-7	IC615	R-4	IC1046	C-4	L1019	C-2	RB317	G-4		
FB1008	J-7	FL1032	A-7	*IC619	N-2	*IC1047	C-4	L1020	A-7	RB318	F-5		
FB1009	D-7	FL1033	A-7	*IC621	N-3	IC1048	L-5	L1021	A-7	RB319	F-5		
FB1010	D-7			IC623	R-3	IC1049	C-4	L1022	B-6	RB320	F-5		
		IC100	N-7	IC624	R-4	IC1050	D-4	L1023	B-7	RB321	F-4		
FL100	N-6	IC101	N-7	IC625	P-1	IC1051	L-5	L1024	A-7	RB326	G-5		
FL101	P-6	IC102	M-7	IC626	R-1	IC1052	B-5			RB327	G-5		
FL102	R-6	IC103	M-7	IC627	P-2	IC1053	B-2	PS100	D-7	RB328	G-5		

*: B SIDE

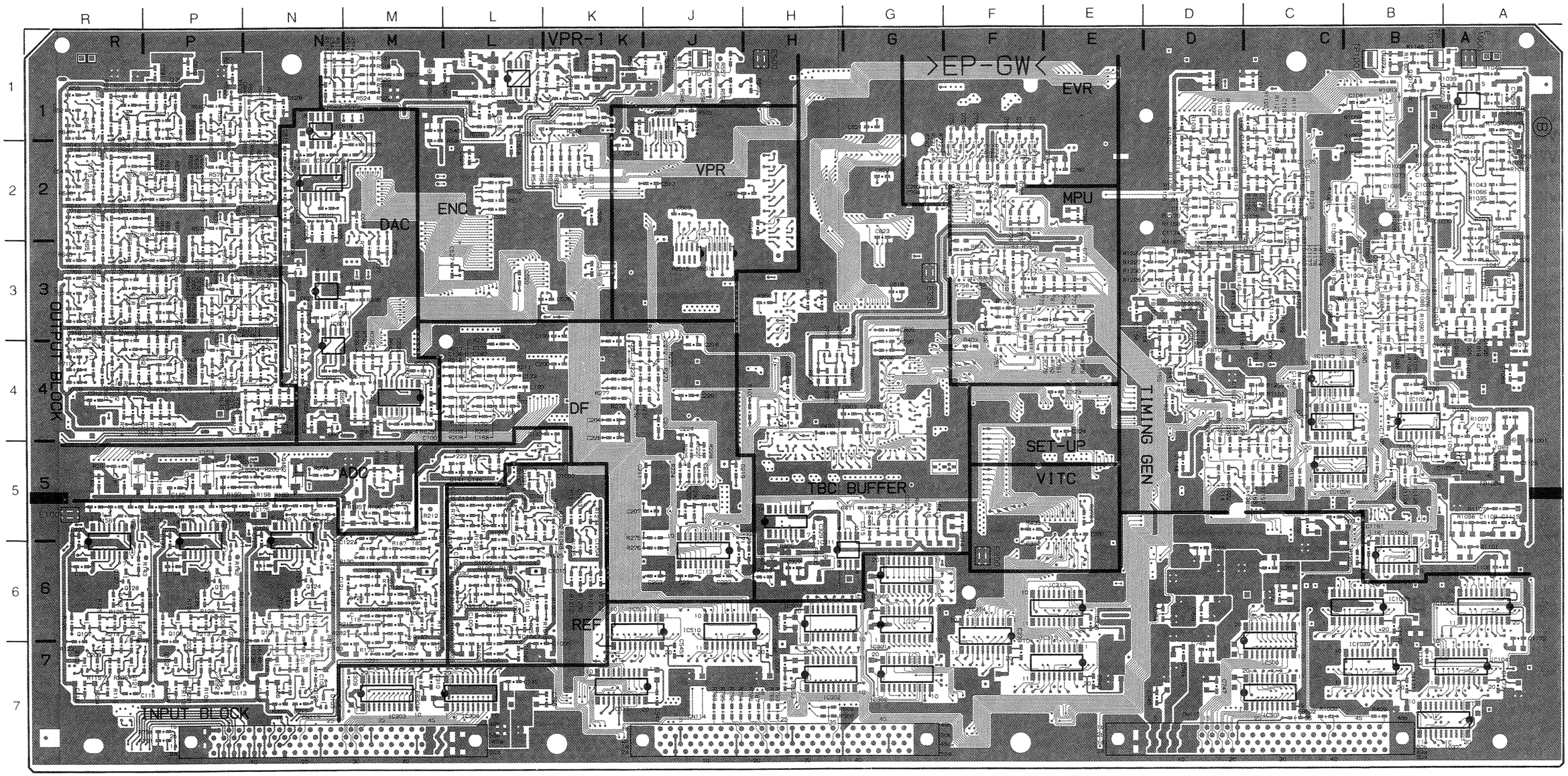
LOT NO. G-1



VPR-1 BOARD -A SIDE-

1-648-532-16 (LOT No. 705 - 802)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB



VPR-1 BOARD -B SIDE-

1-648-532-16 (LOT No. 705 - 802)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB

VPR-1 ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder

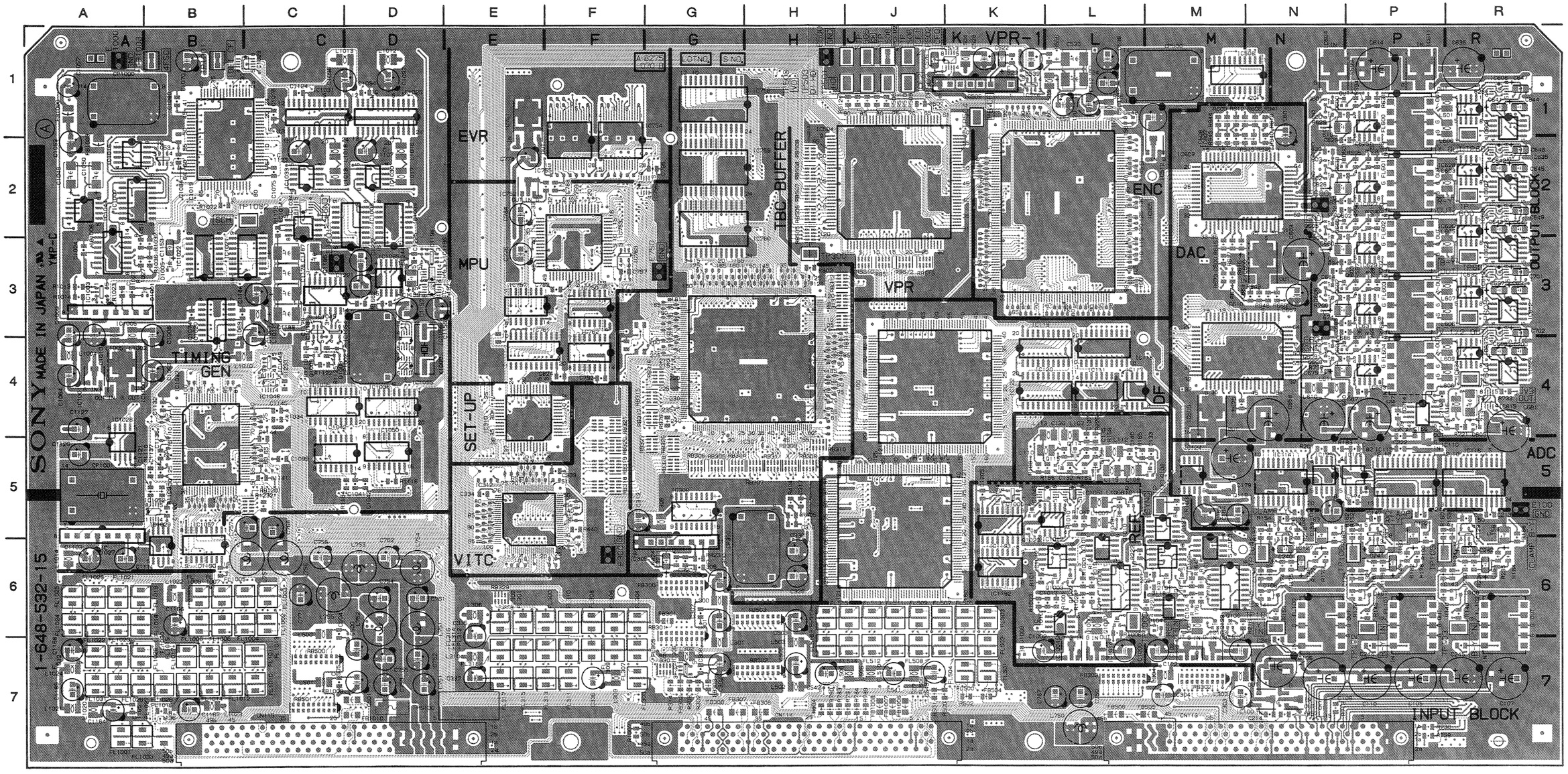
(Board's Lot No. 503 through 704)
All recorder models

VPR-1(1-648-532-15)

CN113	M-7	FB1006	J-7	FL1024	A-6	IC603	M-2	IC1031	C-1	Q608	N-4
CN114	H-7	FB1007	J-7	FL1025	A-6	IC604	N-1	IC1032	B-5	Q609	N-4
CN115	C-7	FB1008	J-7	FL1026	B-7	✱IC605	M-4	IC1033	C-2	✱Q620	N-4
		FB1009	D-7	FL1027	A-7	IC606	R-1	IC1034	C-2	✱Q750	H-4
CP300	H-6	FB1010	D-7	FL1028	A-7	IC607	R-2	IC1035	D-4	Q1000	L-6
CP500	M-1			FL1029	A-7	IC608	R-1	IC1036	D-4	✱Q1001	L-6
CP1000	A-1	FL100	N-6	FL1030	A-7	IC609	N-4	✱IC1037	A-7	Q1002	L-6
CP1001	A-5	FL101	P-6	FL1031	A-7	IC610	M-4	✱IC1038	B-6	Q1003	L-6
CP1002	D-3	FL102	R-6	FL1032	A-7	IC611	P-1	✱IC1039	B-7	✱Q1004	B-3
		FL300	E-6	FL1033	A-7	IC612	R-3	✱IC1040	A-6	✱Q1005	B-3
D104	M-6	FL301	E-6			IC613	R-3	✱IC1041	A-7	✱Q1006	B-4
✱D105	N-7	FL302	E-6	IC100	N-7	IC614	P-4	IC1042	D-5	✱Q1007	B-2
D106	N-6	FL303	F-7	IC101	N-7	IC615	R-4	✱IC1043	C-4	Q1008	C-3
D107	P-6	FL304	F-6	IC102	M-7	✱IC619	N-2	IC1044	A-2	Q1009	C-3
D108	R-6	FL305	F-7	IC103	M-7	✱IC621	N-3	IC1045	C-3	Q1010	L-5
✱D500	J-1	FL306	F-6	IC104	M-6	IC623	R-3	IC1046	C-4	Q1011	L-5
D600	N-1	FL307	F-7	IC105	M-6	IC624	R-4	✱IC1047	C-4	✱Q1012	B-1
D601	N-2	FL308	F-6	IC106	M-6	IC625	P-1	IC1048	K-5	Q1020	K-5
D602	N-2	FL309	F-7	✱IC107	R-6	IC626	R-1	IC1049	C-4		
D603	N-3	FL310	F-6	✱IC108	N-6	IC627	P-2	IC1050	D-5	TP100	M-5
D604	N-4	FL311	F-7	IC109	M-6	IC628	R-2	IC1051	L-5	TP101	N-6
D605	R-4	FL312	F-7	IC110	P-5	IC629	P-3	IC1052	B-5	TP102	P-6
✱D606	N-3	FL313	E-7	IC111	L-4	IC630	R-2	IC1053	B-2	TP103	R-6
✱D607	N-4	FL314	E-7	IC112	P-5	IC631	P-3	IC1054	C-3	TP104	N-5
✱D750	H-4	FL315	E-7	✱IC113	J-5	IC632	R-3	IC1055	D-4	TP105	P-5
✱D751	F-4	FL316	E-7	IC114	N-5	IC633	P-4	IC1056	D-4	TP106	P-5
✱D752	F-2	FL317	E-7	IC115	P-5	IC634	R-4	IC1057	B-5	TP300	H-3
✱D753	F-2	FL318	E-7	IC116	R-5	IC635	R-2	✱IC1058	B-6	TP500	J-1
✱D754	F-2	FL500	K-7	IC117	L-4	IC636	R-3	IC1095	D-3	TP501	J-1
✱D755	F-2	FL501	K-7	IC118	L-4	IC637	R-4	IC1192	K-6	TP502	J-1
✱D756	E-2	FL502	K-7	IC119	K-4	IC750	F-3	IC1193	K-6	TP503	J-1
✱D757	E-2	FL503	K-6	IC120	K-4	IC751	E-1	IC1194	K-5	TP504	K-1
D1000	K-5	FL504	K-7	IC121	J-5	IC752	E-2	IC1196	D-3	TP505	J-1
D1001	B-3	FL505	K-6	IC122	J-4	IC753	F-3	IC1197	D-3	TP506	J-1
✱D1002	A-4	FL506	J-7	IC123	M-5	IC754	F-1	IC1198	D-3	TP507	J-1
✱D1003	C-3	FL507	J-6	IC124	M-5	IC755	F-1			TP508	J-1
✱D1004	B-3	FL508	J-7	IC125	N-5	IC756	F-2	PS100	D-7	TP600	R-2
D1005	B-3	FL509	J-6	✱IC126	P-6	IC757	E-3			TP601	R-2
✱D1006	C-3	FL510	J-7	IC127	N-6	IC758	G-1	Q100	M-6	TP602	R-3
✱D1007	K-5	FL511	J-6	IC128	P-6	IC759	G-2	✱Q101	N-6	TP603	R-3
✱D1008	D-4	FL512	J-7	IC129	R-6	IC760	G-2	✱Q102	P-7	TP604	R-4
D1009	K-7	FL513	J-6	✱IC300	G-6	IC761	E-3	✱Q103	R-7	TP1000	L-6
✱D1010	A-4	FL514	J-7	✱IC301	G-7	IC762	F-3	✱Q104	M-6	TP1001	B-1
		FL515	J-6	✱IC302	G-7	IC763	F-3	✱Q105	N-7	TP1002	C-2
E100	R-5	FL516	H-7	✱IC303	M-7	IC1000	A-4	✱Q106	P-6	TP1003	B-1
E300	F-6	FL517	H-6	✱IC304	M-7	IC1001	A-4	✱Q107	R-6		
E500	H-1	FL600	P-1	✱IC305	J-5	IC1002	L-6	Q108	M-5	X1000	C-4
E600	N-2	FL601	P-2	IC306	G-7	IC1003	A-3	Q109	L-5		
E601	N-3	FL602	P-2	IC307	H-4	IC1004	L-7	✱Q111	P-6		
E750	F-3	FL603	P-3	IC308	H-5	IC1005	A-3	✱Q112	R-6		
E1000	A-1	FL604	P-4	IC309	H-6	IC1006	A-3	✱Q113	N-6		
E1001	C-3	FL1000	B-7	IC310	E-4	IC1007	A-2	Q114	L-5		
		FL1001	A-7	✱IC311	H-6	IC1008	D-3	Q115	L-5		
✱FB300	H-6	FL1002	C-6	IC312	E-5	IC1009	D-3	Q116	M-6		
FB301	G-6	FL1003	C-6	✱IC313	E-6	IC1010	L-6	✱Q117	K-5		
FB302	G-7	FL1004	B-6	✱IC314	F-6	IC1011	C-2	Q118	M-6		
FB303	G-7	FL1005	B-6	✱IC315	E-7	IC1012	L-6	Q119	M-5		
✱FB304	M-7	FL1006	B-6	✱IC500	C-7	IC1013	L-6	✱Q120	P-7		
✱FB305	J-6	FL1007	B-6	✱IC501	C-7	IC1014	L-7	✱Q121	R-7		
FB306	H-7	FL1008	B-6	✱IC502	H-7	✱IC1015	A-1	✱Q122	N-7		
FB307	G-7	FL1009	B-6	✱IC503	H-6	IC1016	A-2	✱Q123	N-6		
FB308	G-7	FL1010	C-7	IC504	J-2	IC1017	L-5	✱Q124	N-6		
✱FB500	L-1	FL1011	C-7	IC505	L-2	IC1018	C-3	✱Q125	P-6		
✱FB501	M-1	FL1012	B-7	IC506	K-1	IC1019	B-2	✱Q126	P-6		
✱FB502	C-7	FL1013	B-7	✱IC507	L-1	IC1020	B-3	✱Q127	R-6		
✱FB503	H-7	FL1014	B-7	IC508	N-1	IC1021	C-3	✱Q128	R-6		
FB504	K-7	FL1015	B-7	✱IC509	J-6	IC1022	B-3	Q129	M-6		
FB505	M-7	FL1016	B-7	✱IC510	H-6	IC1023	C-1	Q600	N-1		
FB506	L-7	FL1017	B-7	✱IC511	K-7	✱IC1024	B-4	Q601	N-1		
FB1000	A-1	FL1018	A-6	IC512	M-2	IC1025	D-1	Q602	N-2		
✱FB1001	A-5	FL1019	A-6	IC513	K-1	✱IC1026	C-5	Q603	N-2		
✱FB1002	C-3	FL1020	A-6	IC514	K-1	IC1027	A-5	Q604	N-3		
FB1003	A-2	FL1021	A-6	IC600	N-3	IC1028	A-4	Q605	N-2		
✱FB1004	A-5	FL1022	A-6	✱IC601	N-4	IC1029	B-5	Q606	N-3		
✱FB1005	D-4	FL1023	A-6	✱IC602	N-2	IC1030	D-2	Q607	N-3		

✱ : B SIDE

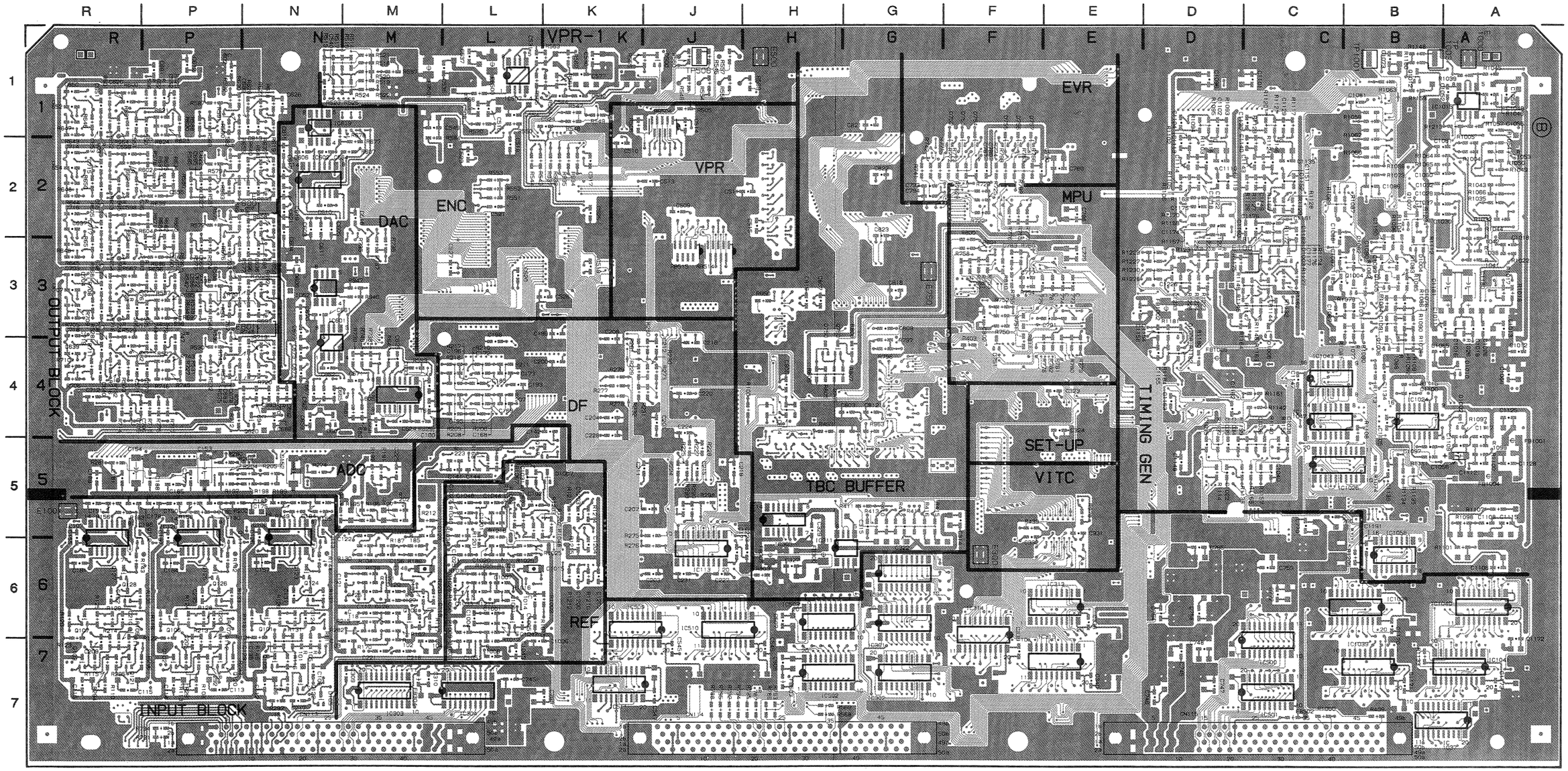
LOT NO. G-1



VPR-1 BOARD -A SIDE-

1-648-532-15 (LOT No. 503 - 704)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB



VPR-1 BOARD -B SIDE-

1-648-532-15 (LOT No. 503 - 704)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB

VPR-1, DUS-840

VPR-1 ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder
DUS-840

(Board's Lot No. 411 through 502)
All recorder models

DUS-840 BOARD -A SIDE-
1-657-167-11

DUS-840 BOARD -B SIDE-
1-657-167-11

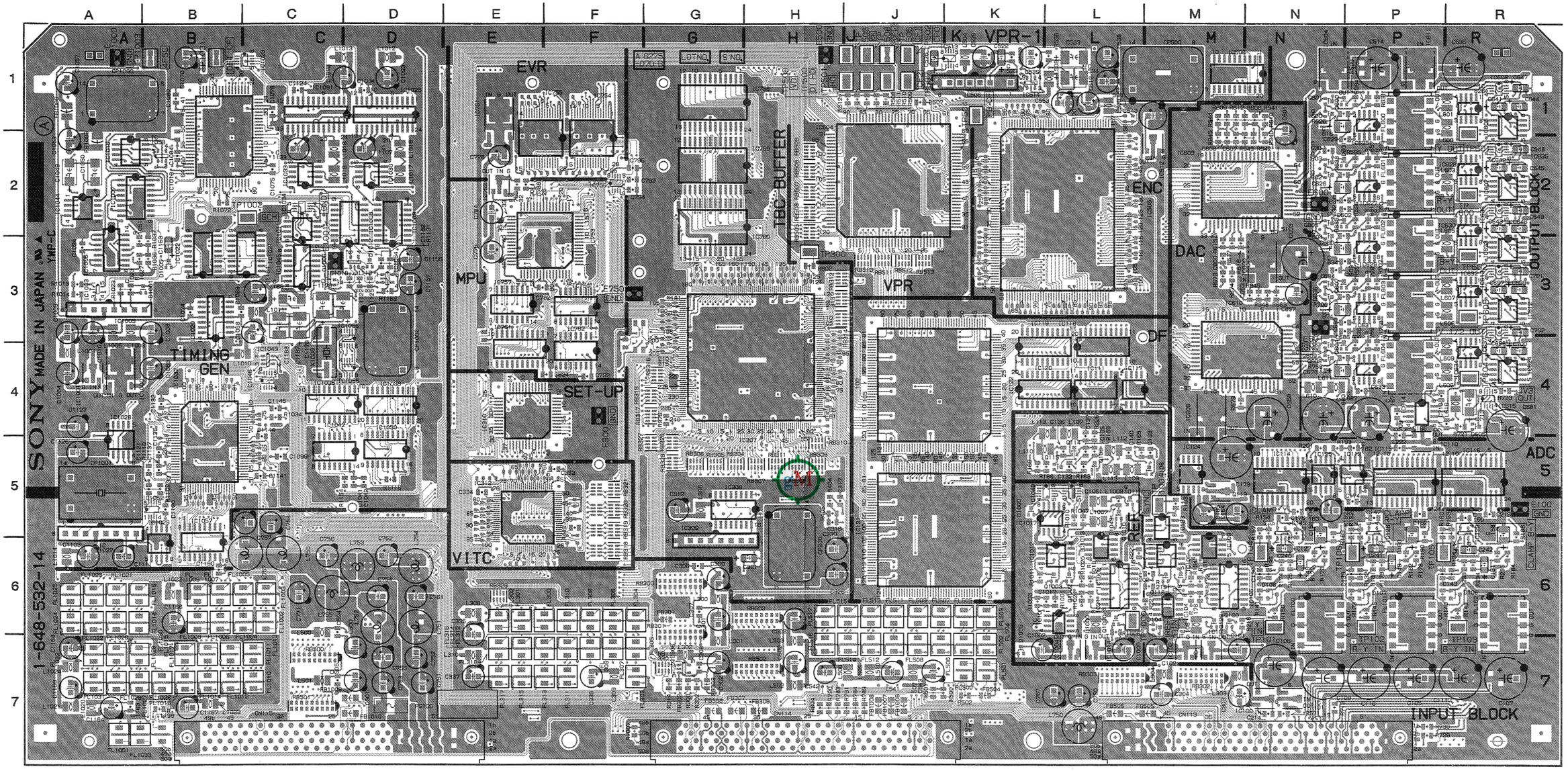
VPR-1(1-648-532-14)

CN113	M-7	✱FB1004	A-5	FL1022	A-6	✱IC601	N-4	IC1030	D-2	Q1002	L-6
CN114	H-7	✱FB1005	D-4	FL1023	A-6	✱IC602	N-2	IC1031	C-1	Q1003	L-6
CN115	C-7	FB1006	J-7	FL1024	A-6	IC603	M-2	IC1032	B-5	✱Q1004	B-3
		FB1007	J-7	FL1025	A-6	IC604	N-1	IC1033	C-2	✱Q1005	B-3
CP300	H-6	FB1008	J-7	FL1026	B-7	✱IC605	M-4	IC1034	C-2	✱Q1006	B-4
CP500	M-1	FB1009	D-7	FL1027	A-7	IC606	R-1	IC1035	D-4	✱Q1007	B-2
CP1000	A-1	FB1010	D-7	FL1028	A-7	IC607	R-2	IC1036	D-4	✱Q1008	D-3
CP1001	A-5			FL1029	A-7	IC608	R-1	✱IC1037	A-7	✱Q1009	D-3
CP1002	D-3	FL100	N-6	FL1030	A-7	IC609	N-4	✱IC1038	B-6	Q1010	L-5
		FL101	P-6	FL1031	A-7	IC610	M-4	✱IC1039	B-7	Q1011	L-5
D104	M-6	FL102	R-6	FL1032	A-7	IC611	P-1	✱IC1040	A-6	✱Q1012	B-1
✱D105	N-7	FL300	E-6	FL1033	A-7	IC612	R-3	✱IC1041	A-7	✱Q1013	D-3
D106	N-6	FL301	E-6			IC613	R-3	IC1042	D-5		
D107	P-6	FL302	E-6	IC100	N-7	IC614	P-4	✱IC1043	C-4	TP100	M-5
D108	R-6	FL303	F-7	IC101	N-7	IC615	R-4	IC1044	A-2	TP101	N-6
✱D500	J-1	FL304	F-6	IC102	M-7	✱IC619	N-2	IC1045	C-3	TP102	P-6
D600	N-1	FL305	F-7	IC103	M-7	✱IC621	N-3	IC1046	C-4	TP103	R-6
D601	N-2	FL306	F-6	IC104	M-6	IC623	R-3	✱IC1047	C-4	TP104	N-5
D602	N-2	FL307	F-7	IC105	M-6	IC624	R-4	IC1048	K-5	TP105	P-5
D603	N-3	FL308	F-6	IC106	M-6	IC625	P-1	IC1049	C-4	TP106	P-5
D604	N-4	FL309	F-7	✱IC107	R-6	IC626	R-1	IC1050	D-5	TP300	H-3
D605	R-4	FL310	F-6	✱IC108	N-6	IC627	P-2	IC1051	L-5	TP500	J-1
✱D606	N-3	FL311	F-7	IC109	M-6	IC628	R-2	IC1052	B-5	TP501	J-1
✱D607	N-4	FL312	F-7	IC110	P-5	IC629	P-3	IC1053	B-2	TP502	J-1
✱D750	H-4	FL313	E-7	IC111	L-4	IC630	R-2	IC1054	D-3	TP503	J-1
✱D751	F-4	FL314	E-7	IC112	P-5	IC631	P-3	IC1055	D-4	TP504	K-1
✱D752	F-2	FL315	E-7	✱IC113	J-5	IC632	R-3	IC1056	D-4	TP505	J-1
✱D753	F-2	FL316	E-7	IC114	N-5	IC633	P-4	IC1057	B-5	TP506	J-1
✱D754	F-2	FL317	E-7	IC115	P-5	IC634	R-4	✱IC1058	B-6	TP507	J-1
✱D755	F-2	FL318	E-7	IC116	R-5	IC635	R-2			TP508	J-1
✱D756	E-2	FL500	K-7	IC117	L-4	IC636	R-3	PS100	D-7	TP600	R-2
✱D757	E-2	FL501	K-7	IC118	L-4	IC637	R-4			TP601	R-2
D1000	K-5	FL502	K-7	IC119	K-4	IC750	F-3	Q100	M-6	TP602	R-3
D1001	B-3	FL503	K-6	IC120	K-4	IC751	E-1	✱Q101	N-6	TP603	R-3
✱D1002	A-4	FL504	K-7	IC121	J-5	IC752	E-2	✱Q102	P-7	TP604	R-4
✱D1003	C-3	FL505	K-6	IC122	J-4	IC753	F-3	✱Q103	R-7	TP1000	L-6
✱D1004	B-3	FL506	J-7	IC123	M-5	IC754	F-1	✱Q104	M-6	TP1001	B-1
D1005	B-3	FL507	J-6	IC124	M-5	IC755	F-1	✱Q105	N-7	TP1002	C-2
D1006	C-3	FL508	J-7	IC125	N-5	IC756	F-2	✱Q106	P-6	TP1003	B-1
✱D1007	K-5	FL509	J-6	✱IC126	P-6	IC757	E-3	✱Q107	R-6		
✱D1008	D-4	FL510	J-7	IC127	N-6	IC758	G-1	Q108	M-5	X1000	C-4
D1009	K-7	FL511	J-6	IC128	P-6	IC759	G-2	Q109	L-5		
✱D1010	A-4	FL512	J-7	IC129	R-6	IC760	G-2	✱Q111	P-6		
✱D1011	D-3	FL513	J-6	✱IC300	G-6	IC761	E-3	✱Q112	R-6		
D1012	D-3	FL514	J-7	✱IC301	G-7	IC762	F-3	✱Q113	N-6		
		FL515	J-6	✱IC302	G-7	IC1000	A-4	Q114	L-5		
E100	R-5	FL516	H-7	✱IC303	M-7	IC1001	A-4	Q115	L-5		
E300	F-4	FL517	H-6	✱IC304	M-7	IC1002	L-6	Q116	M-6		
E500	H-1	FL600	P-1	✱IC305	J-5	IC1003	A-3	✱Q117	K-5		
E600	N-2	FL601	P-2	IC306	G-7	IC1004	L-7	Q118	M-6		
E601	N-3	FL602	P-2	IC307	H-4	IC1005	A-3	Q119	M-5		
E750	F-3	FL603	P-3	IC308	H-5	IC1006	A-3	✱Q120	P-7		
E1000	A-1	FL604	P-4	IC309	H-6	IC1007	A-2	✱Q121	R-7		
E1001	C-3	FL1000	B-7	IC310	E-4	IC1008	D-3	✱Q122	N-7		
		FL1001	A-7	✱IC311	H-6	IC1009	D-3	✱Q123	N-6		
✱FB300	H-6	FL1002	C-6	IC312	E-5	IC1010	L-6	✱Q124	N-6		
FB301	G-6	FL1003	C-6	✱IC313	E-6	IC1011	C-2	✱Q125	P-6		
FB302	G-7	FL1004	B-6	✱IC314	F-6	IC1012	L-6	✱Q126	P-6		
FB303	G-7	FL1005	B-6	✱IC315	E-7	IC1013	L-6	✱Q127	R-6		
✱FB304	M-7	FL1006	B-6	✱IC500	C-7	IC1014	L-7	✱Q128	R-6		
✱FB305	J-6	FL1007	B-6	✱IC501	C-7	✱IC1015	A-1	Q129	M-6		
FB306	H-7	FL1008	B-6	✱IC502	H-7	IC1016	A-2	Q600	N-1		
FB307	G-7	FL1009	B-6	✱IC503	H-6	IC1017	L-5	Q601	N-1		
FB308	G-7	FL1010	C-7	IC504	J-2	IC1018	D-3	Q602	N-2		
✱FB500	L-1	FL1011	C-7	IC505	L-2	IC1019	B-2	Q603	N-2		
✱FB501	M-1	FL1012	B-7	IC506	K-1	IC1020	B-3	Q604	N-3		
✱FB502	C-7	FL1013	B-7	✱IC507	L-1	IC1021	C-3	Q605	N-2		
✱FB503	H-7	FL1014	B-7	IC508	N-1	IC1022	B-3	Q606	N-3		
FB504	K-7	FL1015	B-7	✱IC509	J-6	IC1023	C-1	Q607	N-3		
FB505	M-7	FL1016	B-7	✱IC510	H-6	✱IC1024	B-4	Q608	N-4		
FB506	L-7	FL1017	B-7	✱IC511	K-7	IC1025	D-1	Q609	N-4		
FB1000	A-1	FL1018	A-6	IC512	M-2	✱IC1026	C-5	✱Q620	N-4		
✱FB1001	A-5	FL1019	A-6	IC513	K-1	IC1027	A-5	✱Q750	H-4		
✱FB1002	C-3	FL1020	A-6	IC514	K-1	IC1028	A-4	Q1000	L-6		
FB1003	A-2	FL1021	A-6	IC600	N-3	IC1029	B-5	✱Q1001	L-6		

✱ : B SIDE

LOT NO. G-1

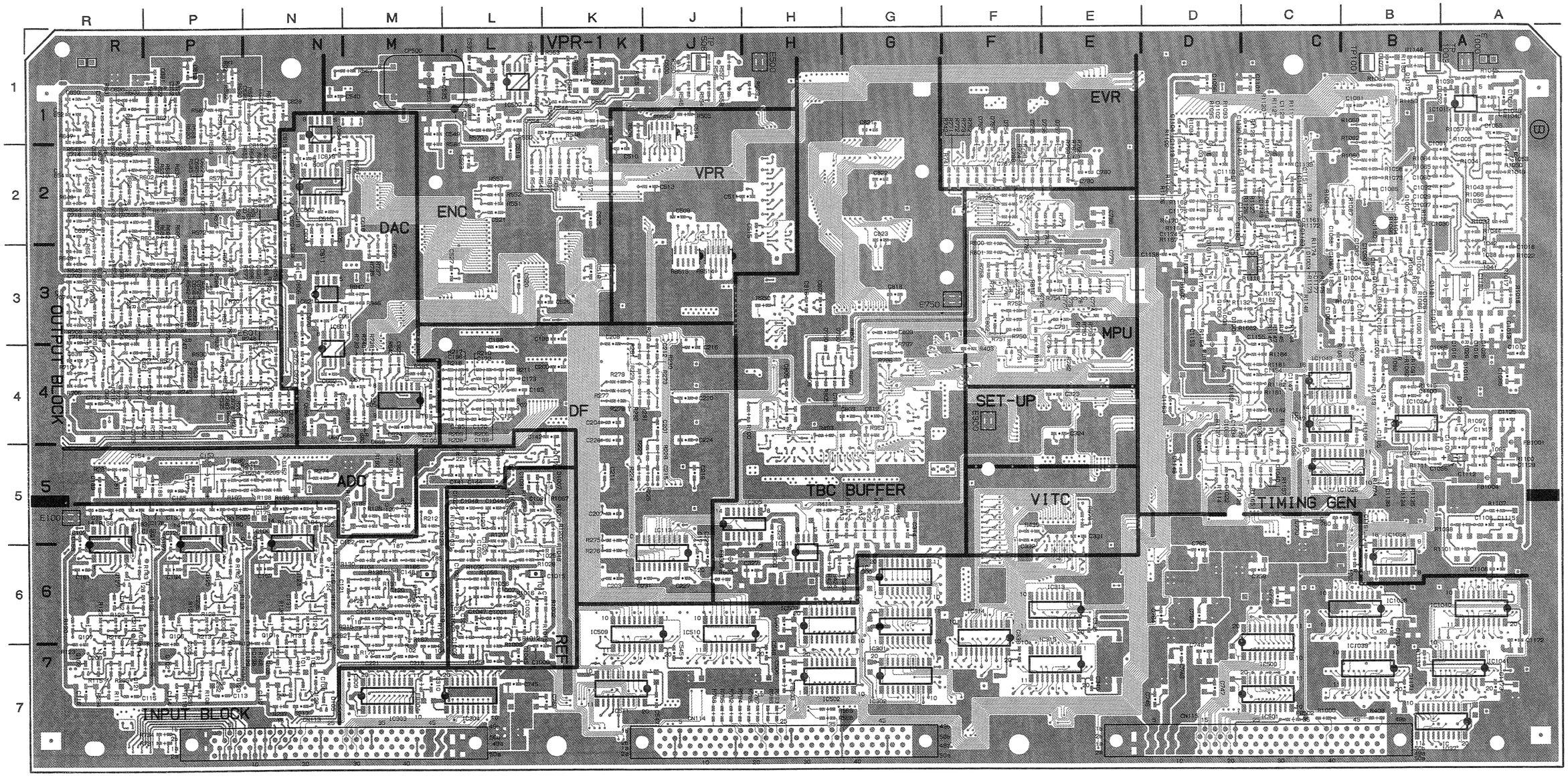
1-5 (d)



VPR-1 BOARD -A SIDE-

1-648-532-14 (LOT No. 411 - 502)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB



VPR-1 BOARD -B SIDE-

1-648-532-14 (LOT No. 411 - 502)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB

VPR-1, DUS-710

VPR-1 ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder
DUS-710

(Board's Lot No. 401 through 410)
All recorder models

DUS-710 BOARD -A SIDE-

1-650-294-11

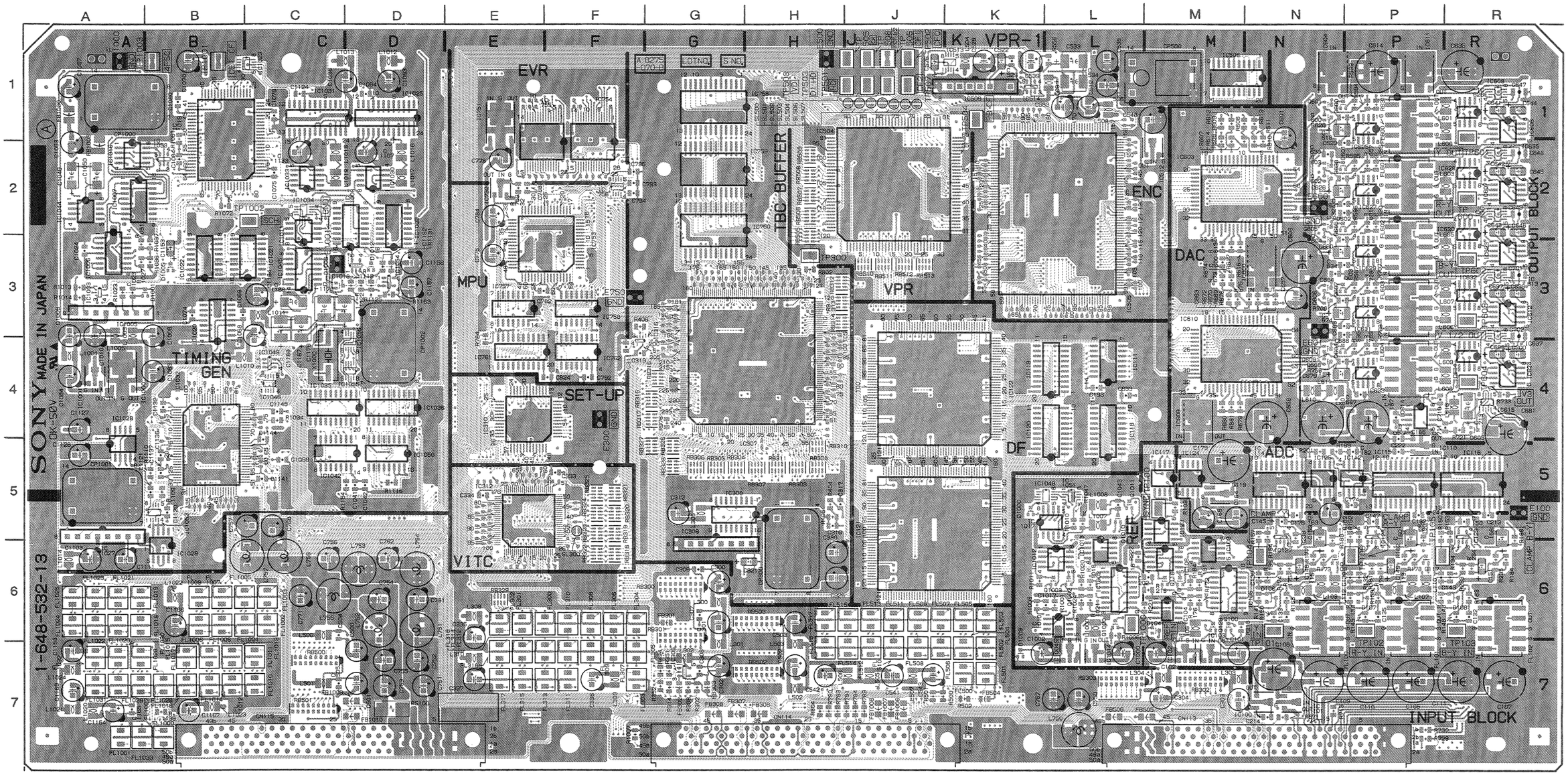
VPR-1(1-648-532-13)

CN113	M-7	✱FB1004	A-5	FL1022	A-6	IC600	N-3	IC1029	B-5	Q1003	L-6
CN114	H-7	✱FB1005	D-4	FL1023	A-6	✱IC601	N-4	IC1030	D-2	✱Q1004	B-3
CN115	C-7	FB1006	J-7	FL1024	A-6	✱IC602	N-2	IC1031	C-1	✱Q1005	B-3
		FB1007	J-7	FL1025	A-6	IC603	M-2	IC1032	B-5	✱Q1006	B-4
CP300	H-6	FB1008	J-7	FL1026	B-7	IC604	N-1	IC1033	C-2	✱Q1007	B-2
CP500	M-1	FB1009	D-7	FL1027	A-7	✱IC605	M-4	IC1034	C-2	✱Q1008	D-3
CP1000	A-1	FB1010	D-7	FL1028	A-7	IC606	R-1	IC1035	D-4	✱Q1009	D-3
CP1001	A-5			FL1029	A-7	IC607	R-2	IC1036	D-4	Q1010	L-5
CP1002	D-3	FL100	N-6	FL1030	A-7	IC608	R-1	✱IC1037	A-7	Q1011	L-5
		FL101	P-6	FL1031	A-7	IC609	N-4	✱IC1038	B-6	✱Q1012	B-1
D104	M-6	FL102	R-6	FL1032	A-7	IC610	M-4	✱IC1039	B-7	✱Q1013	D-3
✱D105	N-7	FL300	E-6	FL1033	A-7	IC611	P-1	✱IC1040	A-6		
D106	N-6	FL301	E-6			IC612	R-3	✱IC1041	A-7	SL300	F-5
D107	P-6	FL302	E-6	IC100	N-7	IC613	R-3	IC1042	D-5	SL500	H-1
D108	R-6	FL303	F-7	IC101	N-7	IC614	P-4	✱IC1043	C-4	SL501	H-1
✱D500	J-1	FL304	F-6	IC102	M-7	IC615	R-4	IC1044	A-2	SL502	H-1
D600	N-1	FL305	F-7	IC103	M-7	✱IC619	N-2	IC1045	C-3	SL503	H-1
D601	N-2	FL306	F-6	IC104	M-6	✱IC621	N-3	IC1046	C-4	SL504	H-1
D602	N-2	FL307	F-7	IC105	M-6	IC623	R-3	✱IC1047	C-4	SL506	H-1
D603	N-3	FL308	F-6	IC106	M-6	IC624	R-4	IC1048	K-5	SL507	H-1
D604	N-4	FL309	F-7	✱IC107	R-6	IC625	P-1	IC1049	C-4		
D605	R-4	FL310	F-6	✱IC108	N-6	IC626	R-1	IC1050	D-5	TP100	M-5
✱D606	N-3	FL311	F-7	IC109	M-6	IC627	P-2	IC1051	L-5	TP101	N-6
✱D607	N-4	FL312	F-7	IC110	P-5	IC628	R-2	IC1052	B-5	TP102	P-6
✱D750	H-4	FL313	E-7	IC111	L-4	IC629	P-3	IC1053	B-2	TP103	R-6
✱D751	F-4	FL314	E-7	IC112	P-5	IC630	R-2	IC1054	D-3	TP104	N-5
✱D752	F-2	FL315	E-7	✱IC113	J-5	IC631	P-3	IC1055	D-4	TP105	P-5
✱D753	F-2	FL316	E-7	IC114	N-5	IC632	R-3	IC1056	D-4	TP106	P-5
✱D754	F-2	FL317	E-7	IC115	P-5	IC633	P-4			TP300	H-3
✱D755	F-2	FL318	E-7	IC116	R-5	IC634	R-4	PS100	D-7	TP500	J-1
✱D756	E-2	FL500	K-7	IC117	M-5	IC635	R-2			TP501	J-1
✱D757	E-2	FL501	K-7	IC118	L-5	IC636	R-3	Q100	M-6	TP502	J-1
D1000	K-5	FL502	K-7	IC119	L-4	IC637	R-4	✱Q101	N-6	TP503	J-1
D1001	B-3	FL503	K-6	IC120	L-5	IC750	F-3	✱Q102	P-7	TP504	K-1
✱D1002	A-4	FL504	K-7	IC121	J-5	IC751	E-1	✱Q103	R-7	TP505	J-1
✱D1003	C-3	FL505	K-6	IC122	J-4	IC752	E-2	✱Q104	M-6	TP506	J-1
✱D1004	B-3	FL506	J-7	IC123	M-5	IC753	F-3	✱Q105	N-7	TP507	J-1
D1005	B-3	FL507	J-6	IC124	M-5	IC754	F-1	✱Q106	P-6	TP508	J-1
D1006	C-3	FL508	J-7	IC125	N-5	IC755	F-1	✱Q107	R-6	TP600	R-2
✱D1007	K-5	FL509	J-6	✱IC126	P-6	IC756	F-2	✱Q108	N-6	TP601	R-2
✱D1008	D-4	FL510	J-7	IC127	N-6	IC757	E-3	Q109	N-6	TP602	R-3
D1009	K-7	FL511	J-6	IC128	P-6	IC758	G-1	✱Q111	P-6	TP603	R-3
✱D1010	A-4	FL512	J-7	IC129	R-6	IC759	G-2	✱Q112	R-6	TP604	R-4
✱D1011	D-3	FL513	J-6	✱IC300	G-6	IC760	G-2	✱Q113	N-6	TP1000	L-6
D1012	D-3	FL514	J-7	✱IC301	G-7	IC761	E-3	✱Q114	P-6	TP1001	B-1
		FL515	J-6	✱IC302	G-7	IC762	F-3	✱Q115	R-6	TP1002	C-2
E100	R-5	FL516	H-7	✱IC303	M-7	IC1000	A-4	Q116	M-6	TP1003	B-1
E300	F-4	FL517	H-6	✱IC304	M-7	IC1001	A-4	Q117	P-6		
E500	H-1	FL600	P-1	✱IC305	J-5	IC1002	L-6	Q118	M-6	X1000	C-4
E600	N-2	FL601	P-2	IC306	G-7	IC1003	A-3	Q119	M-5		
E601	N-3	FL602	P-2	IC307	H-4	IC1004	L-7	✱Q120	P-7		
E750	F-3	FL603	P-3	IC308	H-5	IC1005	A-3	✱Q121	R-7		
E1000	A-1	FL604	P-4	IC309	H-6	IC1006	A-3	✱Q122	N-7		
E1001	C-3	FL1000	B-7	IC310	E-4	IC1007	A-2	✱Q123	N-6		
		FL1001	A-7	✱IC311	H-6	IC1008	D-3	✱Q124	N-6		
✱FB300	H-6	FL1002	C-6	IC312	E-5	IC1009	D-3	✱Q125	P-6		
FB301	G-6	FL1003	C-6	✱IC313	E-6	IC1010	L-6	✱Q126	P-6		
FB302	G-7	FL1004	B-6	✱IC314	F-6	IC1011	C-2	✱Q127	R-6		
FB303	G-7	FL1005	B-6	✱IC315	E-7	IC1012	L-6	✱Q128	R-6		
✱FB304	M-7	FL1006	B-6	IC316	F-4	IC1013	L-6	Q129	M-6		
✱FB305	J-6	FL1007	B-6	✱IC500	C-7	IC1014	L-7	Q600	N-1		
FB306	H-7	FL1008	B-6	✱IC501	C-7	✱IC1015	A-1	Q601	N-1		
FB307	G-7	FL1009	B-6	✱IC502	H-7	IC1016	A-2	Q602	N-2		
FB308	G-7	FL1010	C-7	✱IC503	H-6	IC1017	L-5	Q603	N-2		
✱FB500	L-1	FL1011	C-7	IC504	J-2	IC1018	D-3	Q604	N-3		
✱FB501	M-1	FL1012	B-7	IC505	L-2	IC1019	B-2	Q605	N-2		
✱FB502	C-7	FL1013	B-7	IC506	K-1	IC1020	B-3	Q606	N-3		
✱FB503	H-7	FL1014	B-7	✱IC507	L-1	IC1021	C-3	Q607	N-3		
FB504	K-7	FL1015	B-7	IC508	N-1	IC1022	B-3	Q608	N-4		
FB505	M-7	FL1016	B-7	✱IC509	J-6	IC1023	C-1	Q609	N-4		
FB506	L-7	FL1017	B-7	✱IC510	H-6	✱IC1024	B-4	✱Q620	N-4		
FB1000	A-1	FL1018	A-6	✱IC511	K-7	IC1025	D-1	✱Q750	H-4		
✱FB1001	A-5	FL1019	A-6	IC512	M-2	✱IC1026	C-5	Q1000	L-6		
✱FB1002	C-3	FL1020	A-6	IC513	K-1	IC1027	A-5	✱Q1001	L-6		
FB1003	A-2	FL1021	A-6	IC514	K-1	IC1028	A-4	Q1002	L-6		

✱ : B SIDE

LOT NO. G-1

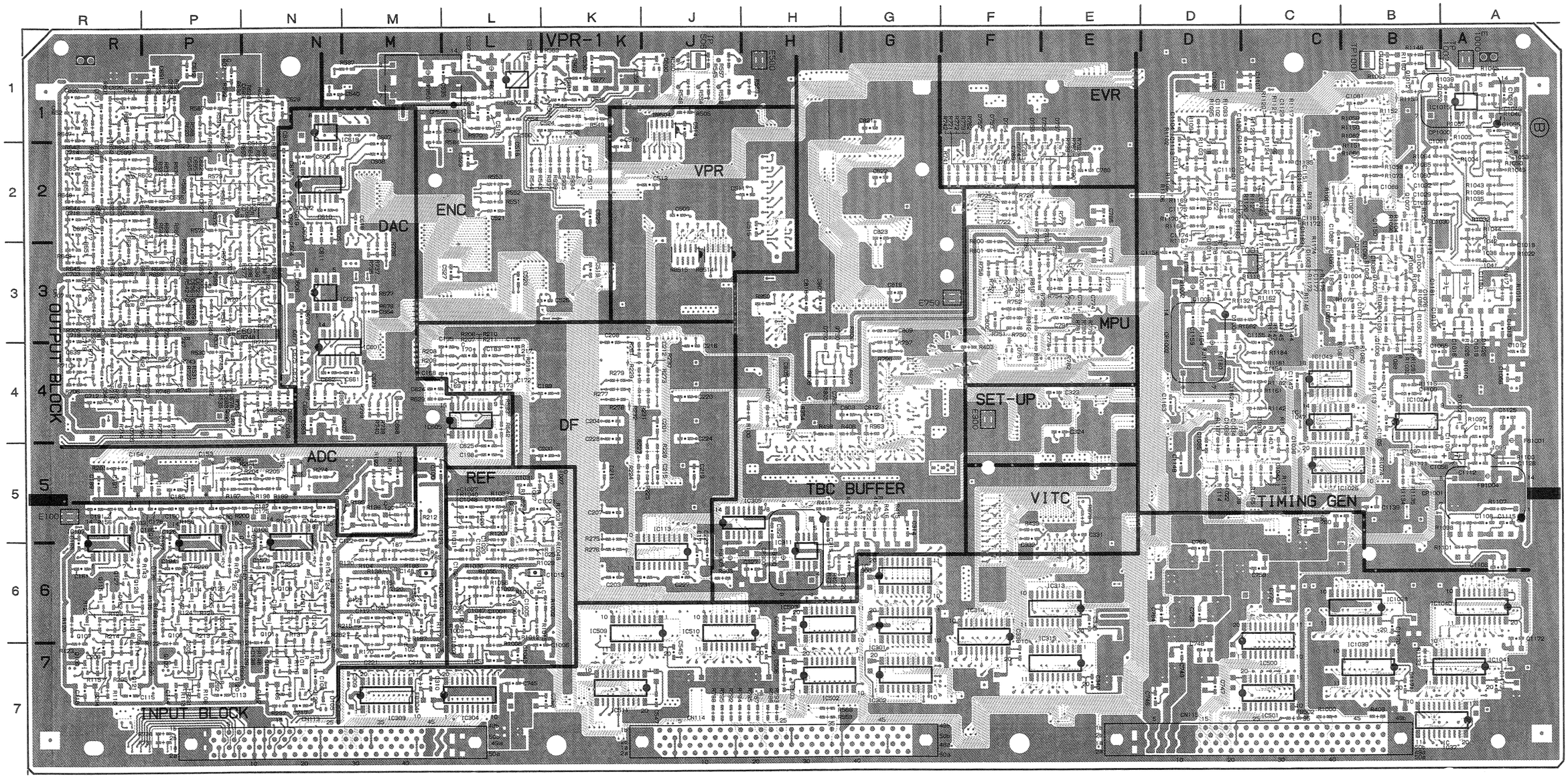
1-5 (c)



VPR-1 BOARD -A SIDE-

1-648-532-13 (LOT No. 401 - 410)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB



VPR-1 BOARD -B SIDE-

1-648-532-13 (LOT No. 401 - 410)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB
DVW-500P(UC)	; VPR-1PG	MCB

VPR-1, DUS-769

VPR-1 ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder
DUS-769

(Board's Lot No. 306 through 312)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

DUS-769 BOARD -A SIDE-

1-653-049-11
for VPR-1 (1-648-532-12) of LOT No. 311/312

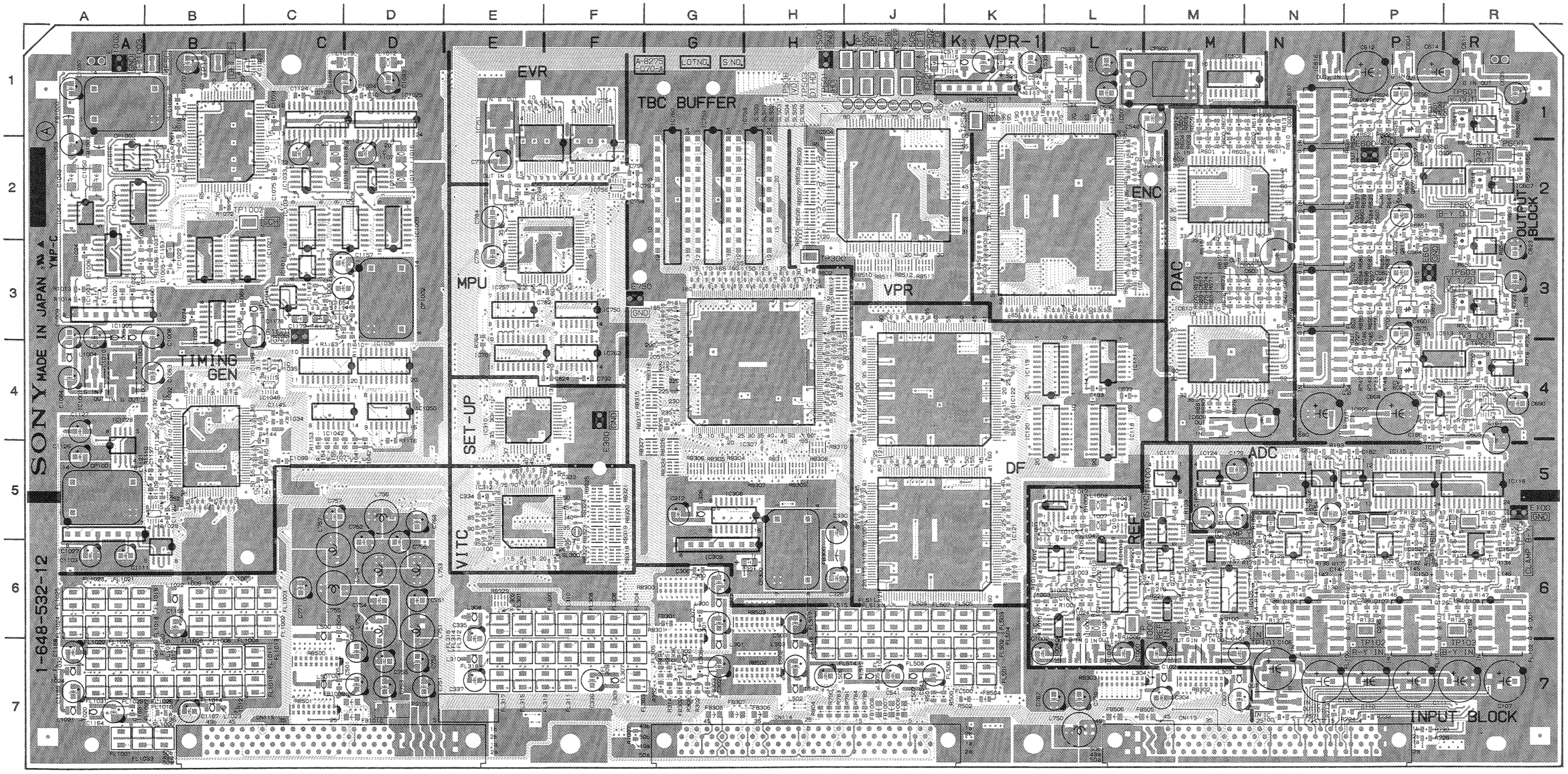
VPR-1(1-648-532-12)

CN113	M-7	FL100	N-6	FL1030	A-7	IC613	P-4	IC1052	B-5	SL506	H-1				
CN114	H-7	FL101	P-6	FL1031	A-7	IC614	P-4	IC1053	B-2	SL507	H-1				
CN115	C-7	FL102	R-6	FL1032	A-7	IC615	R-4	IC1054	C-3						
		FL300	E-6	FL1033	A-7	IC616	P-1			TP100	M-5				
CP300	H-6	FL301	E-6			✱IC617	M-2	PS100	D-7	TP101	N-6				
CP500	M-1	FL302	E-6	IC100	N-7	✱IC618	N-2			TP102	P-6				
CP1000	A-1	FL303	F-7	IC101	N-7	✱IC619	N-2	Q100	M-6	TP103	R-6				
CP1001	A-5	FL304	F-6	IC102	M-7	✱IC620	N-3	✱Q101	N-6	TP104	N-5				
CP1002	D-3	FL305	F-7	IC103	M-7	✱IC621	N-3	✱Q102	P-7	TP105	R-5				
		FL306	F-6	IC104	M-6	IC622	P-4	✱Q103	R-7	TP106	P-5				
CV600	P-1	FL307	F-7	IC105	M-6	IC623	R-3	✱Q104	M-6	TP300	H-3				
CV601	P-3	FL308	F-6	IC106	M-6	IC624	R-4	✱Q105	N-7	TP500	J-1				
CV602	P-4	FL309	F-7	IC107	R-6	IC750	F-3	✱Q106	P-6	TP501	J-1				
		FL310	F-6	IC108	N-6	IC751	E-1	✱Q107	R-6	TP502	J-1				
✱D105	N-7	FL311	F-7	IC109	M-6	IC752	E-2	✱Q108	N-6	TP503	J-1				
D106	N-6	FL312	F-7	IC110	R-5	IC753	F-3	✱Q109	N-5	TP504	K-1				
D107	P-6	FL313	E-7	IC111	L-4	IC754	F-1	✱Q111	P-5	TP505	J-1				
D108	R-6	FL314	E-7	IC112	P-5	IC755	F-1	✱Q112	R-5	TP506	J-1				
✱D500	J-1	FL315	E-7	✱IC113	J-5	IC756	F-2	✱Q113	N-5	TP507	J-1				
D605	R-4	FL316	E-7	IC114	N-5	IC757	E-3	✱Q114	P-6	TP508	J-1				
✱D606	N-1	FL317	E-7	IC115	P-5	IC758	G-1	✱Q115	R-6	TP600	R-2				
✱D607	P-4	FL318	E-7	IC116	R-5	IC759	G-1	Q116	M-6	TP601	R-1				
✱D750	H-4	FL500	K-7	IC117	M-5	IC760	G-1	✱Q117	P-5	TP602	R-2				
✱D751	F-4	FL501	K-7	IC118	L-5	IC761	E-3	Q118	M-6	TP603	R-3				
✱D752	F-2	FL502	K-7	IC119	L-4	IC762	F-3	Q119	M-5	TP604	R-3				
✱D753	F-2	FL503	K-6	IC120	L-5	IC1000	A-4	✱Q120	P-7	TP1000	L-6				
✱D754	F-2	FL504	K-7	IC121	J-5	IC1001	A-4	✱Q121	R-7	TP1001	B-1				
✱D755	F-2	FL505	K-6	IC122	J-4	IC1002	L-6	✱Q122	N-7	TP1002	C-2				
✱D756	E-2	FL506	J-7	IC123	M-5	IC1003	A-3	✱Q123	N-6	TP1003	B-1				
✱D757	E-2	FL507	J-6	IC124	M-5	IC1004	L-7	Q124	N-6						
D1000	L-5	FL508	J-7	IC125	N-5	IC1005	A-3	✱Q125	P-6						
D1001	B-3	FL509	J-6	IC126	P-6	IC1006	A-3	Q126	P-6						
✱D1002	A-4	FL510	J-7	✱IC300	G-6	IC1007	A-2	✱Q127	R-6						
✱D1003	C-3	FL511	J-6	✱IC301	G-7	IC1008	D-3	Q128	R-6						
✱D1004	B-3	FL512	J-7	✱IC302	G-7	IC1009	D-3	Q129	M-6						
D1005	B-3	FL513	J-6	✱IC303	M-7	IC1010	L-6	✱Q600	N-1						
D1006	C-3	FL514	J-7	✱IC304	M-7	IC1011	C-3	Q601	P-1						
		FL515	J-6	IC306	G-7	IC1012	L-6	✱Q602	P-1						
E100	R-5	FL516	H-7	IC307	H-4	IC1013	L-6	Q603	P-1						
E300	F-4	FL517	H-6	IC308	H-5	IC1014	L-7	✱Q604	N-2						
E500	H-1	FL600	N-1	IC309	H-6	✱IC1015	A-1	Q605	P-2						
E600	P-2	FL601	N-2	IC310	E-4	IC1016	A-2	✱Q606	P-2						
E601	P-3	FL602	N-2	✱IC311	H-6	IC1017	L-5	Q607	P-2						
E750	F-3	FL603	N-3	IC312	E-5	IC1019	B-2	✱Q608	N-3						
E1000	A-1	FL604	N-4	✱IC313	E-6	IC1020	B-3	Q609	P-2						
E1001	C-3	FL1000	B-7	✱IC314	F-6	IC1021	C-3	✱Q610	P-2						
		FL1001	A-7	✱IC315	E-7	IC1022	B-3	Q611	P-2						
FB300	H-6	FL1002	C-6	✱IC500	C-7	IC1023	C-1	✱Q612	N-3						
FB301	G-6	FL1003	C-6	✱IC501	C-7	✱IC1024	B-4	Q613	P-3						
FB302	G-7	FL1004	B-6	✱IC502	H-7	IC1025	D-1	✱Q614	P-3						
FB303	G-7	FL1005	B-6	✱IC503	H-6	✱IC1026	C-5	Q615	P-3						
✱FB304	M-7	FL1006	B-6	IC504	J-2	IC1027	A-5	✱Q616	N-4						
✱FB305	H-5	FL1007	B-6	IC505	L-2	IC1028	A-4	Q617	P-4						
FB306	H-7	FL1008	B-6	IC506	K-1	IC1029	B-5	✱Q618	P-4						
FB307	G-7	FL1009	B-6	✱IC507	L-1	IC1030	D-2	Q619	P-4						
FB308	G-7	FL1010	C-7	IC508	N-1	IC1031	C-1	✱Q620	N-4						
✱FB500	L-1	FL1011	C-7	✱IC509	J-6	IC1032	B-5	✱Q750	H-4						
✱FB501	M-1	FL1012	B-7	✱IC510	H-6	IC1033	C-2	Q1000	L-6						
✱FB502	C-7	FL1013	B-7	✱IC511	K-7	IC1034	C-3	✱Q1001	L-6						
✱FB503	H-7	FL1014	B-7	IC512	M-2	IC1035	D-4	Q1002	L-6						
FB504	K-7	FL1015	B-7	IC513	K-1	IC1036	D-4	Q1003	L-6						
FB505	M-7	FL1016	B-7	IC514	K-1	✱IC1037	A-7	✱Q1004	B-3						
FB506	L-7	FL1017	B-7	IC600	N-3	✱IC1038	B-6	✱Q1005	B-3						
FB1000	A-1	FL1018	A-6	✱IC601	N-4	✱IC1039	B-7	✱Q1006	B-4						
✱FB1001	A-5	FL1019	A-6	✱IC602	N-2	✱IC1040	A-6	✱Q1007	B-2						
✱FB1002	C-3	FL1020	A-6	IC603	M-2	✱IC1041	A-7	Q1011	L-5						
FB1003	A-2	FL1021	A-6	IC604	R-1	IC1042	D-4	✱Q1012	B-1						
✱FB1004	A-5	FL1022	A-6	✱IC605	M-4	✱IC1043	C-4								
✱FB1005	D-3	FL1023	A-6	IC606	R-1	IC1044	A-2	SL300	F-5						
FB1006	J-7	FL1024	A-6	IC607	R-2	IC1045	C-3	SL500	H-1						
FB1007	J-7	FL1025	A-6	IC608	P-2	IC1046	C-4	SL501	H-1						
FB1008	J-7	FL1026	B-7	IC609	N-4	✱IC1047	C-4	SL502	H-1						
FB1009	D-7	FL1027	A-7	IC610	M-4	IC1049	C-4	SL503	H-1						
FB1010	D-7	FL1028	A-7	IC611	P-4	IC1050	D-4	SL504	H-1						
		FL1029	A-7	IC612	R-3	IC1051	K-5	SL505	H-1						

✱ : B SIDE

LOT NO. G-1

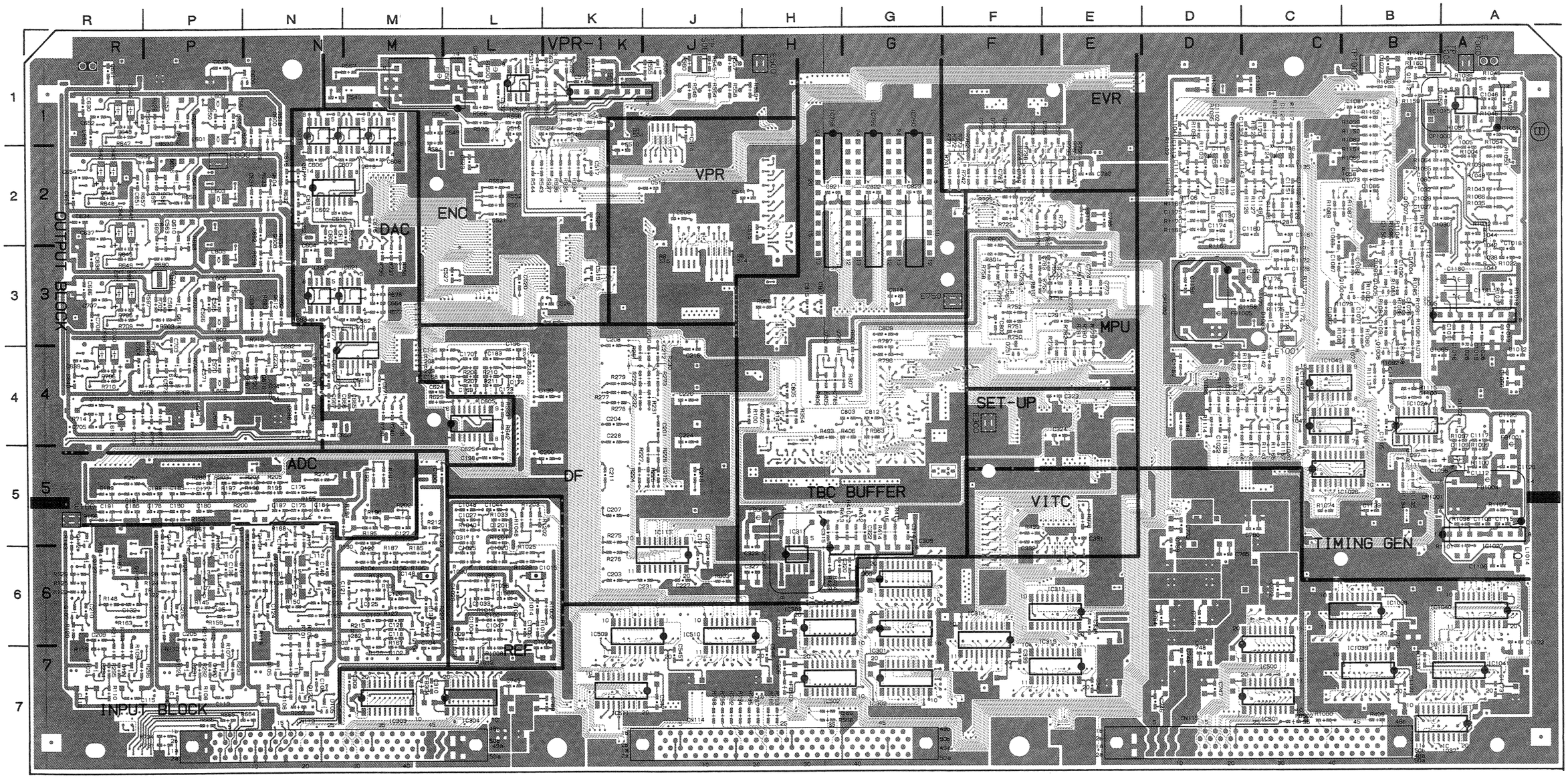
1-5 (b)



VPR-1 BOARD -A SIDE-

1-648-532-12 (LOT No. 306 - 312)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB



VPR-1 BOARD -B SIDE-

1-648-532-12 (LOT No. 306 - 312)

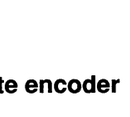
DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB

VPR-1, DUS-690/691/700/724

VPR-1 ; Video signal processor, A/D, D/A, Reference clock generator, Composite encoder
DUS-690/691/700/724

(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

DUS-690 BOARD -A SIDE-
1-649-615-11



DUS-700 BOARD -A SIDE-
1-649-988-11
for PAL models

DUS-691 BOARD -A SIDE-
1-649-616-11

DUS-724 BOARD -A SIDE-
1-650-668-11
for PAL models

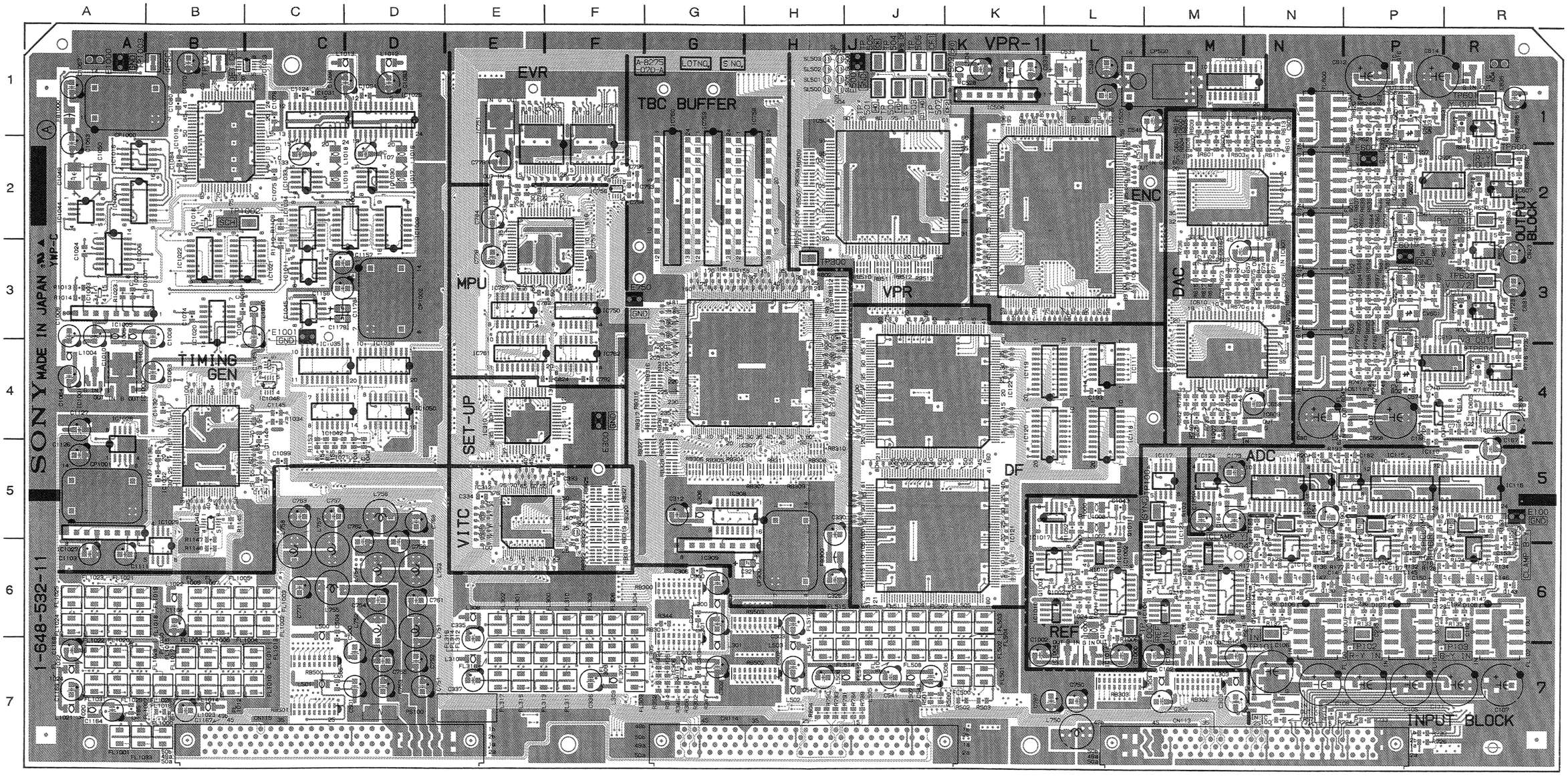
VPR-1(1-648-532-11)

CN113	M-7	FL505	K-6	IC123	M-5	IC1006	A-3	Q129	M-6
CN114	H-7	FL506	J-7	IC124	M-5	IC1007	A-2	✱Q600	N-1
CN115	C-7	FL507	J-6	IC125	N-5	IC1008	D-3	Q601	P-1
		FL508	J-7	IC126	P-6	IC1009	D-3	✱Q602	P-1
CP300	H-6	FL509	J-6	✱IC300	G-6	IC1010	L-6	Q603	P-1
CP500	M-1	FL510	J-7	✱IC301	G-7	IC1011	C-3	✱Q604	N-2
CP1000	A-1	FL511	J-6	✱IC302	G-7	IC1012	L-6	Q605	P-2
CP1001	A-5	FL512	J-7	✱IC303	M-7	IC1013	L-6	✱Q606	P-2
CP1002	D-3	FL513	J-6	✱IC304	M-7	IC1014	L-7	Q607	P-2
		FL514	J-7	IC306	G-7	✱IC1015	A-1	✱Q608	N-3
CV600	P-1	FL515	J-6	IC307	H-4	IC1016	A-2	Q609	P-2
CV601	P-3	FL516	H-7	IC308	H-5	IC1017	L-5	✱Q610	P-2
CV602	P-4	FL517	H-6	IC309	H-6	IC1018	B-2	Q611	P-2
		FL600	N-1	IC310	E-4	IC1019	B-2	✱Q612	N-3
✱D105	N-7	FL601	N-2	✱IC311	H-6	IC1020	B-3	Q613	P-3
D106	N-6	FL602	N-2	IC312	E-5	IC1021	C-3	✱Q614	P-3
D107	P-6	FL603	N-3	✱IC313	E-6	IC1022	B-3	Q615	P-3
D108	R-6	FL604	N-4	✱IC314	F-6	IC1023	C-1	✱Q616	N-4
D605	R-4	FL1000	B-7	✱IC315	E-7	✱IC1024	B-4	Q617	P-4
✱D606	N-1	FL1001	A-7	✱IC500	C-7	IC1025	D-1	✱Q618	P-4
✱D607	P-4	FL1002	C-6	✱IC501	C-7	✱IC1026	C-5	Q619	P-4
✱D750	H-4	FL1003	C-6	✱IC502	H-7	IC1027	A-5	✱Q620	N-4
✱D752	F-2	FL1004	B-6	✱IC503	H-6	IC1028	A-4	✱Q750	H-4
✱D753	F-2	FL1005	B-6	IC504	J-2	IC1029	B-5	Q1000	L-6
✱D754	F-2	FL1006	B-6	IC505	L-2	IC1030	D-2	✱Q1001	L-6
✱D755	F-2	FL1007	B-6	IC506	K-1	IC1031	C-1	Q1002	L-6
✱D756	E-2	FL1008	B-6	✱IC507	L-1	IC1032	B-5	Q1003	L-6
✱D757	E-2	FL1009	B-6	IC508	N-1	IC1033	C-2	✱Q1004	B-3
D1000	L-5	FL1010	C-7	✱IC509	J-6	IC1034	C-3	✱Q1005	B-3
D1001	B-3	FL1011	C-7	✱IC510	H-6	IC1035	D-4	✱Q1006	B-4
✱D1002	A-4	FL1012	B-7	✱IC511	K-7	IC1036	D-4	✱Q1007	B-2
✱D1003	C-3	FL1013	B-7	IC512	M-2	✱IC1037	A-7	Q1011	L-5
✱D1004	B-3	FL1014	B-7	IC600	N-3	✱IC1038	B-6	✱Q1012	B-1
		FL1015	B-7	✱IC601	N-4	✱IC1039	B-7		
E100	R-5	FL1016	B-7	✱IC602	N-2	✱IC1040	A-6	SL300	F-5
E300	F-4	FL1017	B-7	IC603	M-2	✱IC1041	A-7	SL500	H-1
E500	J-1	FL1018	A-6	IC604	R-1	IC1042	D-4	SL501	H-1
E600	P-2	FL1019	A-6	✱IC605	M-4	✱IC1043	C-4	SL502	H-1
E601	P-3	FL1020	A-6	IC606	R-1	IC1044	A-2	SL503	H-1
E750	F-3	FL1021	A-6	IC607	R-2	IC1045	C-3	SL504	H-1
E1000	A-1	FL1022	A-6	IC608	P-2	IC1046	C-4	SL505	H-1
E1001	C-3	FL1023	A-6	IC609	N-4	✱IC1047	C-4	SL506	H-1
		FL1024	A-6	IC610	M-4	IC1048	B-5	SL507	H-1
FB300	H-6	FL1025	A-6	IC611	P-4	IC1049	C-4		
✱FB500	L-1	FL1026	B-7	IC612	R-3	IC1050	D-4	TP100	M-5
FB1000	A-1	FL1027	A-7	IC613	P-4			TP101	N-6
✱FB1001	A-5	FL1028	A-7	IC614	P-4	PS100	D-7	TP102	P-6
✱FB1002	C-3	FL1029	A-7	IC615	R-4			TP103	R-6
		FL1030	A-7	IC616	P-1	Q100	M-6	TP104	N-5
FL100	N-6	FL1031	A-7	✱IC617	M-2	✱Q101	N-6	TP105	R-5
FL101	P-6	FL1032	A-7	✱IC618	N-2	✱Q102	P-7	TP106	P-5
FL102	R-6	FL1033	A-7	✱IC619	N-2	✱Q103	R-7	TP300	H-3
FL300	E-6			✱IC620	N-3	✱Q104	M-6	TP500	J-1
FL301	E-6	IC100	N-7	✱IC621	N-3	✱Q105	N-7	TP501	J-1
FL302	E-6	IC101	N-7	IC622	P-4	✱Q106	P-6	TP502	J-1
FL303	F-7	IC102	M-7	IC623	R-3	✱Q107	R-6	TP503	J-1
FL304	F-6	IC103	M-7	IC624	R-4	✱Q108	N-6	TP504	J-1
FL305	F-7	IC104	M-6	IC750	F-3	✱Q109	N-5	TP505	J-1
FL306	F-6	IC105	M-6	IC751	E-1	✱Q111	P-5	TP506	J-1
FL307	F-7	IC106	M-6	IC752	E-2	✱Q112	R-5	TP507	J-1
FL308	F-6	IC107	R-6	IC753	F-3	✱Q113	N-5	TP600	R-2
FL309	F-7	IC108	N-6	IC754	F-1	✱Q114	P-6	TP601	R-1
FL310	F-6	IC109	M-6	IC755	F-1	✱Q115	R-6	TP602	R-2
FL311	F-7	IC110	R-5	IC756	F-2	Q116	M-6	TP603	R-3
FL312	F-7	IC111	L-4	IC757	E-3	✱Q117	P-5	TP604	R-3
FL313	E-7	IC112	P-5	IC758	G-1	Q118	M-6	TP1000	L-6
FL314	E-7	✱IC113	J-5	IC759	G-1	Q119	M-5	TP1001	B-1
FL315	E-7	IC114	N-5	IC760	G-1	✱Q120	P-7	TP1002	C-2
FL316	E-7	IC115	P-5	IC761	E-3	✱Q121	R-7	TP1003	B-1
FL317	E-7	IC116	R-5	IC762	F-3	✱Q122	N-7		
FL318	E-7	IC117	M-5	IC1000	A-4	✱Q123	N-6		
FL500	K-7	IC118	L-5	IC1001	A-4	Q124	N-6		
FL501	K-7	IC119	L-4	IC1002	L-6	✱Q125	P-6		
FL502	K-7	IC120	L-5	IC1003	A-3	Q126	P-6		
FL503	K-6	IC121	J-5	IC1004	L-7	✱Q127	R-6		
FL504	K-7	IC122	J-4	IC1005	A-3	Q128	R-6		

✱ : B SIDE

LOT NO. G-1

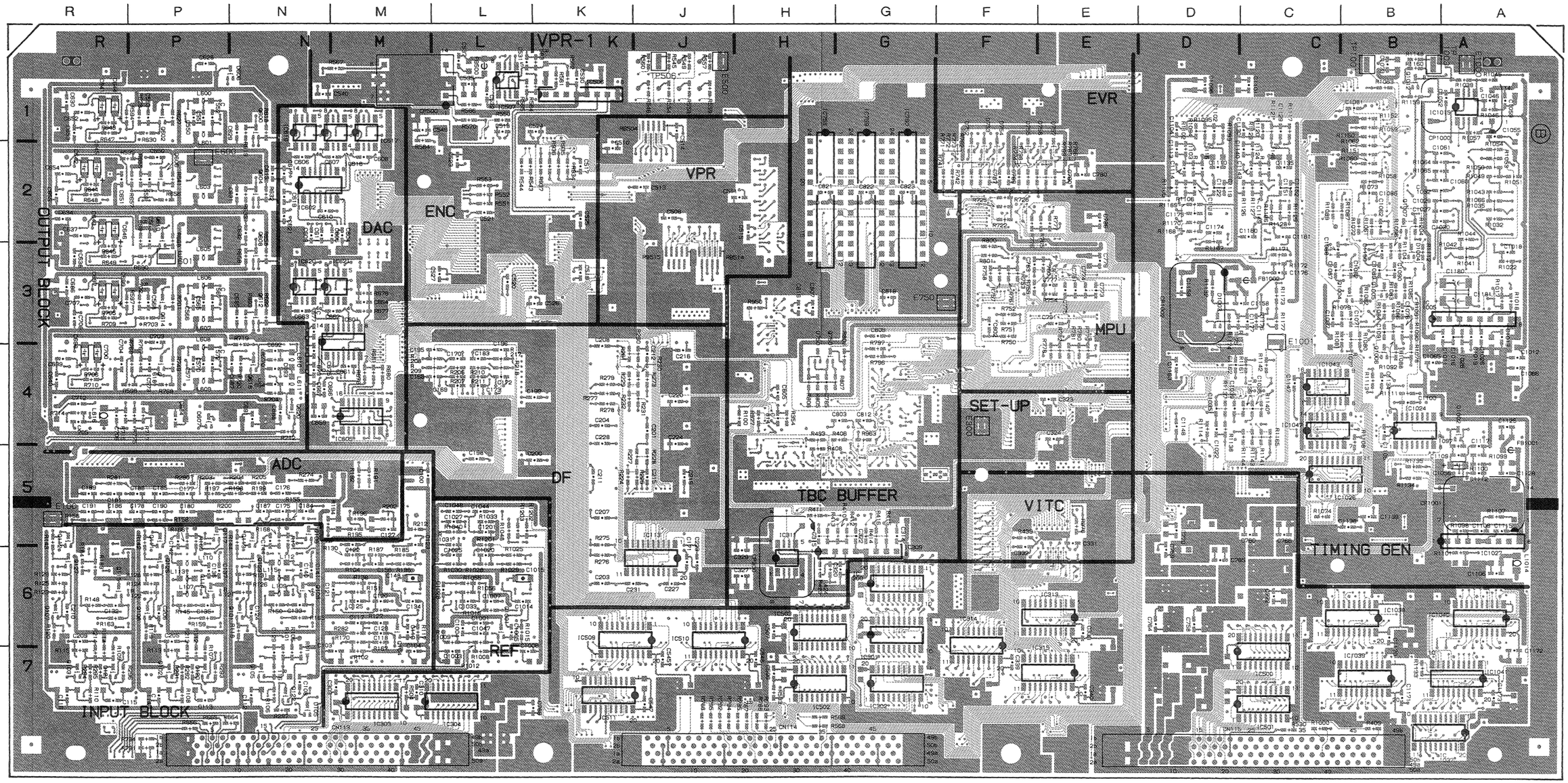
1-5 (a)



VPR-1 BOARD -A SIDE-

1-648-532-11 (LOT No. 302 - 306)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB



VPR-1 BOARD -B SIDE-

1-648-532-11 (LOT No. 302 - 306)

DVW-A500(J)	; VPR-1A	MCB
DVW-A500(UC)	; VPR-1A	MCB
DVW-A500P(EK)	; VPR-1AP	MCB
DVW-A500P(UC)	; VPR-1APG	MCB
DVW-500(J)	; VPR-1	MCB
DVW-500(UC)	; VPR-1	MCB
DVW-500P(EK)	; VPR-1P	MCB

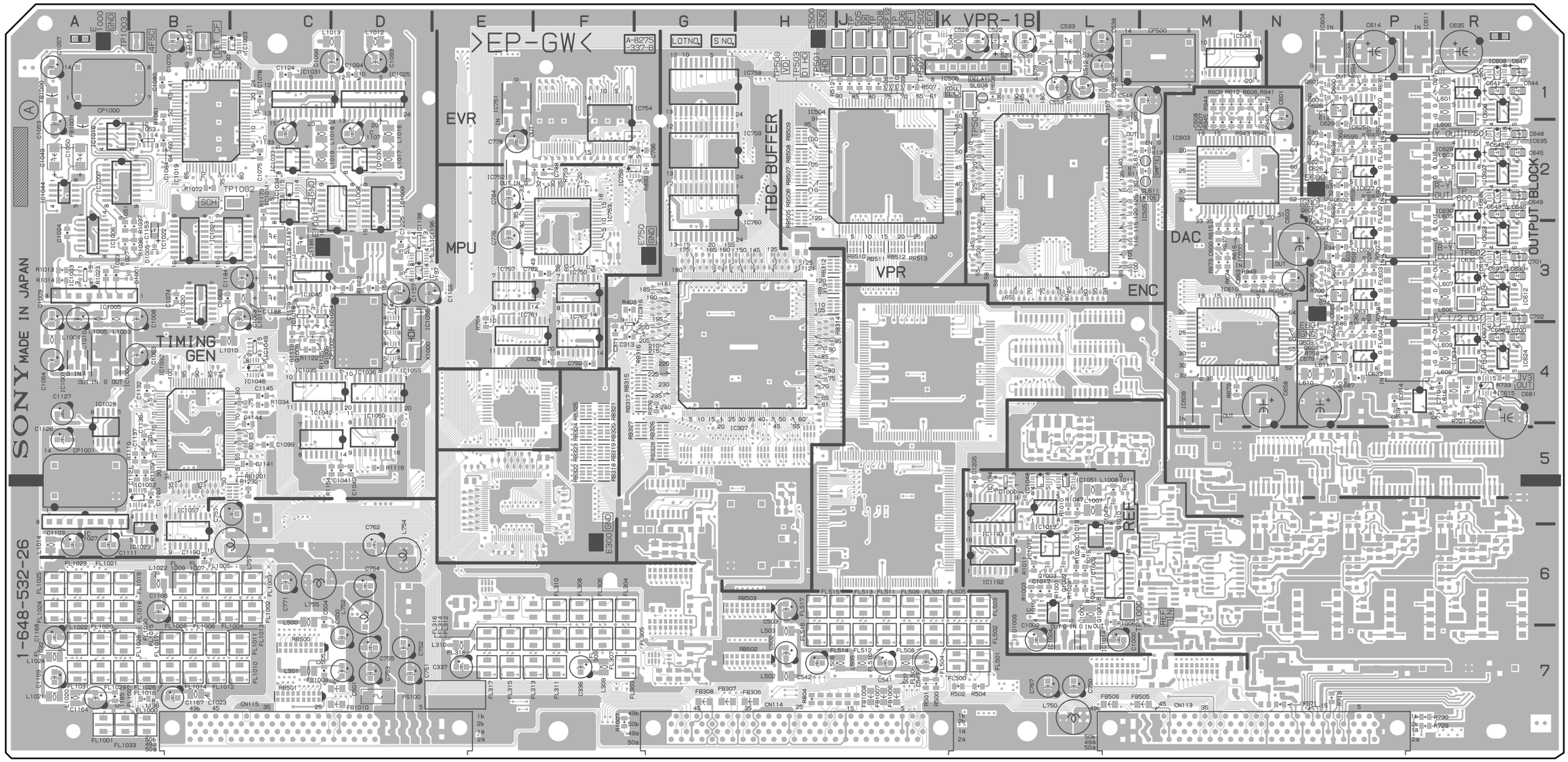
VPR-1B ; Video signal processor, D/A, Reference clock generator, Composite encoder

(Board's Lot No. 803 through 908)
All player models

VPR-1B (1-648-532-26)

CN113	N7	FL601	P2	IC753	F3	L610	N4	TP504	K1
CN114	H7	FL602	P3	IC754	F1	L611	N4	TP505	J1
CN115	C7	FL603	P3	IC756	F2	L616	R4	TP506	J1
		FL604	P4	IC757	E3	L750	L7	TP507	J1
CP500	M1	FL1000	B7	IC758	G1	L752	D6	TP508	J1
CP1000	A1	FL1001	A7	IC759	G2	L754	D6	TP600	R2
CP1001	A5	FL1002	C6	IC760	G2	L755	C6	TP601	R1
CP1002	D4	FL1003	C6	IC761	F3	L757	C6	TP602	R3
		FL1004	B6	IC762	F4	L1000	L6	TP603	R3
D603	N3	FL1005	B6	IC1000	A4	L1003	A3	TP604	R4
D604	N4	FL1006	B6	IC1001	A4	L1004	A4	TP1000	L6
D605	R4	FL1007	B6	IC1002	L6	L1005	A3	TP1001	B1
D606	*N3	FL1008	B6	IC1003	A3	L1007	L5	TP1002	C2
D607	*N4	FL1009	B6	IC1004	L7	L1008	L5	TP1003	B1
D750	*H4	FL1010	C7	IC1006	A2	L1010	B4		
D751	*F4	FL1011	C7	IC1007	A2	L1011	C3	*:B SIDE	
D752	*F2	FL1012	B7	IC1008	D3	L1012	D1		
D753	*F2	FL1013	B7	IC1009	D3	L1013	C1		
D754	*F2	FL1014	B7	IC1010	L6	L1014	A6		
D1000	K5	FL1015	B7	IC1011	C2	L1016	D2		
D1002	*A4	FL1016	B7	IC1012	K6	L1017	D2		
D1003	*C3	FL1017	B7	IC1013	L6	L1018	C2		
D1004	*B3	FL1018	A6	IC1014	L7	L1019	C2		
D1005	B3	FL1019	A6	IC1015	*A1	L1020	A7		
D1006	*C3	FL1020	A6	IC1016	A2	L1021	A7		
D1007	*K5	FL1021	A6	IC1017	K5	L1022	B6		
D1009	K7	FL1022	A6	IC1018	C3	L1023	B7		
D1010	*A4	FL1023	A6	IC1019	B2	L1024	A7		
		FL1024	A6	IC1020	B3				
E300	F6	FL1025	A6	IC1021	C3	PS100	D7		
E500	H1	FL1026	B7	IC1022	B3				
E600	N2	FL1027	A7	IC1023	C1	Q600	N1		
E601	N3	FL1028	A7	IC1024	*B4	Q601	N1		
E750	G3	FL1029	A7	IC1025	D1	Q602	N2		
E1000	A1	FL1030	A7	IC1026	*C5	Q603	N2		
E1001	C3	FL1031	A7	IC1027	A5	Q604	N2		
		FL1032	A7	IC1028	A5	Q605	N2		
FB306	H7	FL1033	A7	IC1029	B5	Q606	N3		
FB307	G7			IC1030	D2	Q607	N3		
FB308	G7	IC307	H4	IC1031	C1	Q608	N4		
FB500	*L1	IC314	*F6	IC1032	B5	Q609	N4		
FB501	*M1	IC315	*E7	IC1033	C2	Q620	*N4		
FB502	*C7	IC316	F4	IC1034	C2	Q750	*H4		
FB503	*H7	IC500	*C7	IC1035	D4	Q1000	L6		
FB505	M7	IC501	*C7	IC1036	D4	Q1001	*L6		
FB506	L7	IC502	*H7	IC1037	*A7	Q1002	L6		
FB1000	A1	IC503	*H6	IC1038	*B6	Q1003	L6		
FB1001	*A5	IC504	J2	IC1039	*B7	Q1004	*B3		
FB1002	*D3	IC505	L2	IC1040	*A6	Q1005	*B3		
FB1003	A2	IC506	K1	IC1041	*A7	Q1006	*B4		
FB1005	*D4	IC507	*L1	IC1042	D5	Q1008	C4		
FB1006	J7	IC508	N1	IC1043	*C4	Q1009	C4		
FB1007	J7	IC509	*J6	IC1044	A2	Q1010	L5		
FB1008	J7	IC510	*H6	IC1045	C3	Q1011	L5		
FB1009	D7	IC511	*K7	IC1046	C4	Q1012	*B1		
FB1010	D7	IC512	M2	IC1047	*C4				
		IC600	N3	IC1048	L5	RB312	H3		
FL303	F7	IC601	*N4	IC1049	C4	RB313	H3		
FL304	F6	IC602	*N2	IC1050	D4	RB314	H3		
FL305	F7	IC603	M2	IC1051	L5	RB315	G4		
FL306	F6	IC604	N1	IC1052	B5	RB316	G4		
FL307	F7	IC605	*M4	IC1053	B2	RB317	G4		
FL308	F6	IC606	R1	IC1054	C3	RB318	F5		
FL309	F7	IC607	R2	IC1057	B5	RB319	F5		
FL310	F6	IC608	R1	IC1058	*B6	RB320	F5		
FL311	F7	IC609	M4	IC1192	K6	RB321	F4		
FL312	F7	IC610	M4	IC1193	K6	RB322	F5		
FL313	E7	IC611	P1	IC1194	K5	RB323	F5		
FL314	E7	IC612	R3	IC1196	D3	RB324	F5		
FL315	E7	IC613	R3	IC1197	D3	RB325	F4		
FL316	E7	IC614	P4	IC1198	D3	RB326	G5		
FL317	E7	IC615	R4			RB327	G5		
FL318	E7	IC619	*N2	L309	F7	RB328	G5		
FL500	K7	IC621	*N3	L310	E7	RB500	C7		
FL501	K7	IC623	R3	L500	C6	RB501	C7		
FL502	K7	IC624	R4	L501	C7	RB502	H7		
FL503	K6	IC625	P1	L502	H7	RB503	H6		
FL504	K7	IC626	R1	L503	H7	RB504	*J1		
FL505	K6	IC627	P2	L504	K1	RB505	H2		
FL506	J7	IC628	R2	L505	J7	RB506	H2		
FL507	J6	IC629	P2	L506	J7	RB507	H2		
FL508	J7	IC630	R2	L507	J7	RB508	H2		
FL509	J6	IC631	P3	L508	L1	RB509	H2		
FL510	J7	IC632	R3	L509	L1	RB510	J3		
FL511	J6	IC633	P4	L600	R1	RB511	J3		
FL512	J7	IC634	R4	L601	R1	RB512	J3		
FL513	J6	IC635	R2	L603	R2	RB513	J3		
FL514	J7	IC636	R2	L605	R3				
FL515	J6	IC637	R3	L606	R3	TP500	J1		
FL516	H7	IC750	F3	L607	R3	TP501	J1		
FL517	H6	IC751	E1	L608	R4	TP502	J1		
FL600	P1	IC752	E2	L609	R4	TP503	J1		

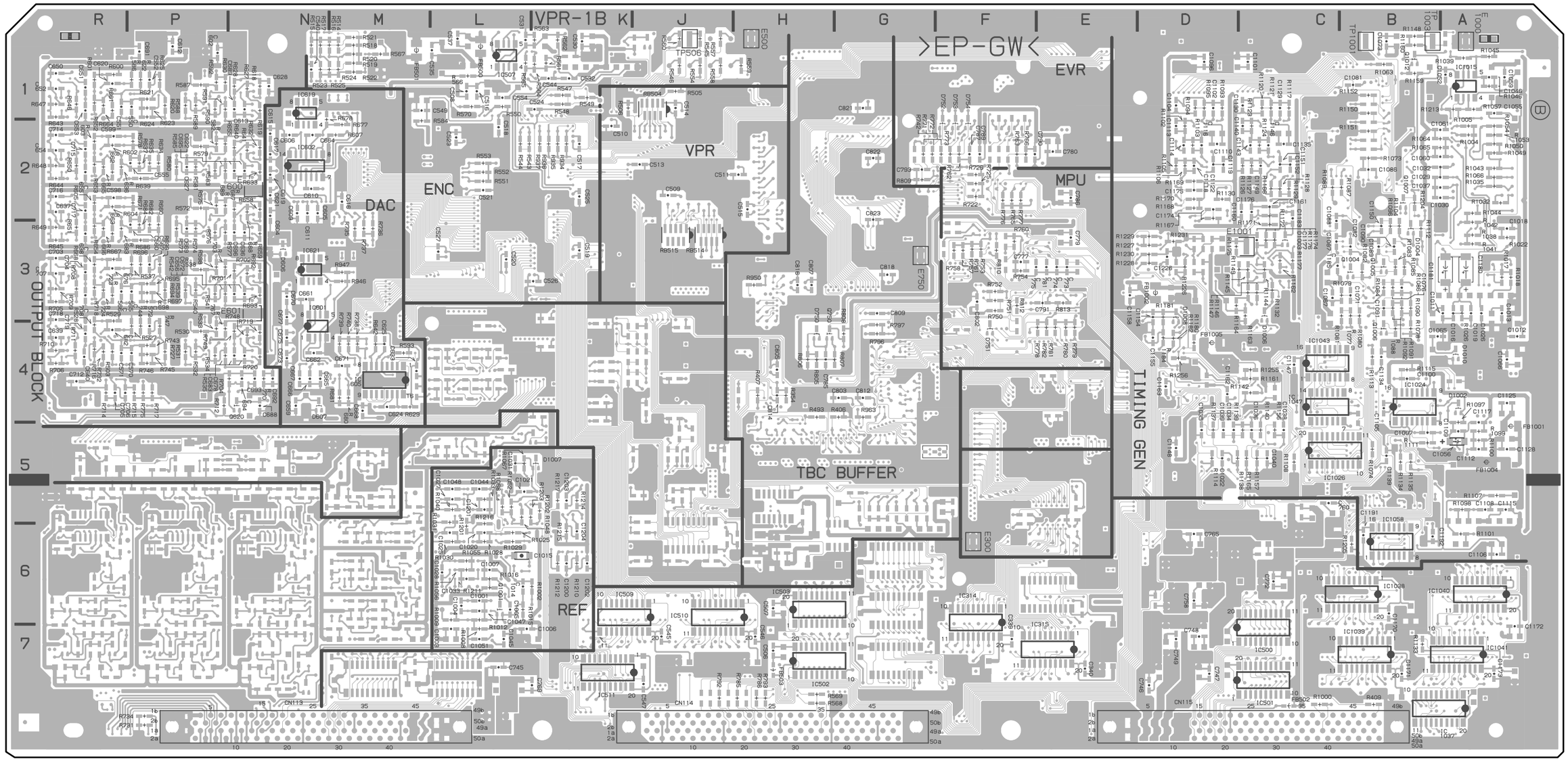
1-9 (f)



VPR-1B BOARD -A SIDE-

1-648-532-26 (LOT No. 803 - 908)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1BA	MCB
DVW-510(UC)	; VPR-1BA	MCB
DVW-510P(EK)	; VPR-1BAP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB



VPR-1B BOARD -B SIDE-

1-648-532-26 (LOT No. 803 - 908)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1BA	MCB
DVW-510(UC)	; VPR-1BA	MCB
DVW-510P(EK)	; VPR-1BAP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB

VPR-1B ; Video signal processor, D/A, Reference clock generator, Composite encoder

(Board's Lot No. 705 through 802)
All player models

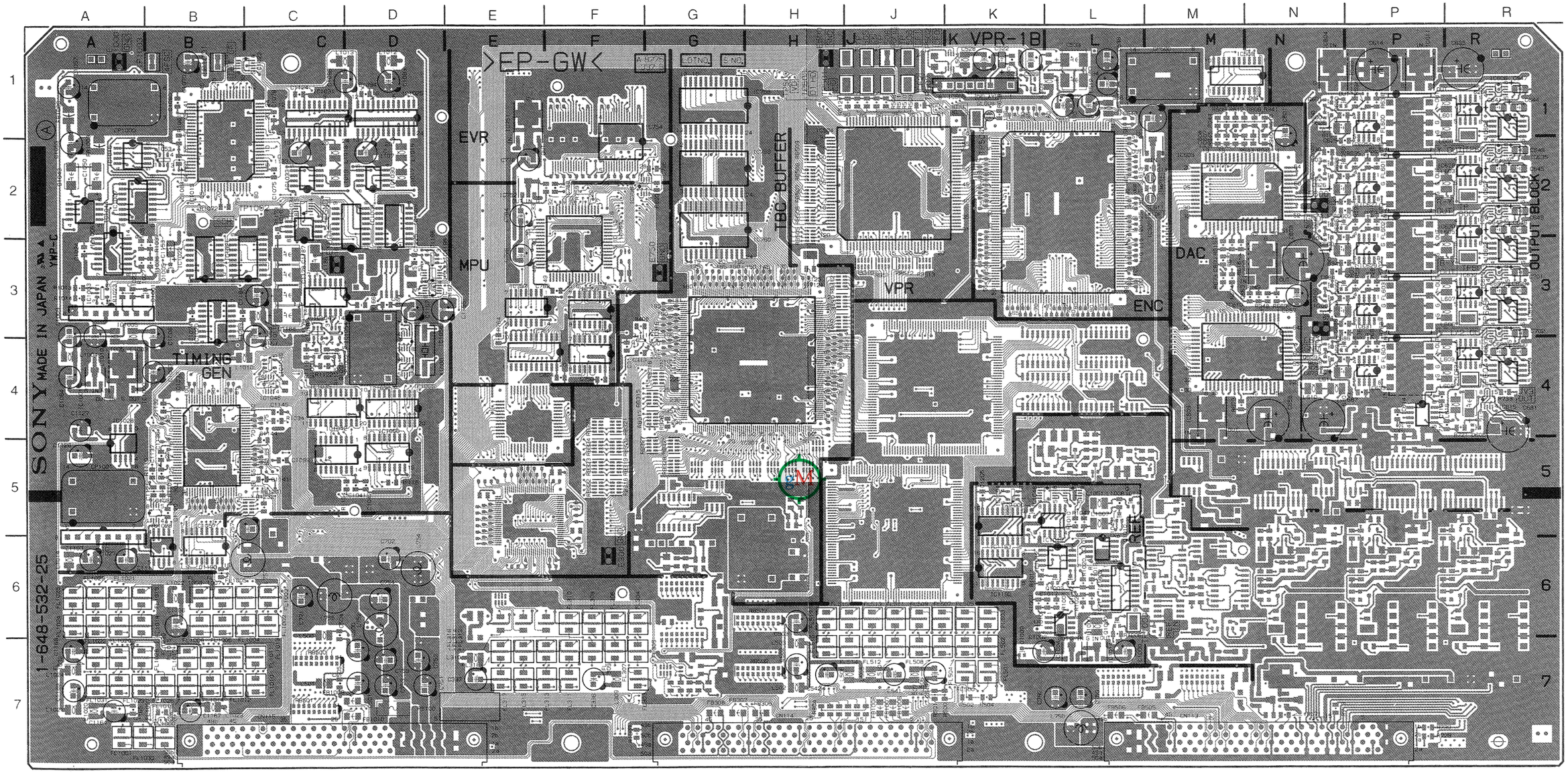
VPR-1B(1-648-532-25)

CN113	N-7	FL504	K-7	IC606	R-1	*IC1039	B-7	Q601	N-1
CN114	H-7	FL505	K-6	IC607	R-2	*IC1040	A-6	Q602	N-2
CN115	C-7	FL506	J-7	IC608	R-1	*IC1041	A-7	Q603	N-2
		FL507	J-6	IC609	M-4	IC1042	D-5	Q604	N-2
CP500	M-1	FL508	J-7	IC610	M-4	*IC1043	C-4	Q605	N-2
CP1000	A-1	FL509	J-6	IC611	P-1	IC1044	A-2	Q606	N-3
CP1001	A-5	FL510	J-7	IC612	R-3	IC1045	C-3	Q607	N-3
CP1002	D-4	FL511	J-6	IC613	R-3	IC1046	C-4	Q608	N-4
		FL512	J-7	IC614	P-4	*IC1047	C-4	Q609	N-4
D603	N-3	FL513	J-6	IC615	R-4	IC1048	L-5	*Q620	N-4
D604	N-4	FL514	J-7	*IC619	N-2	IC1049	C-4	*Q750	H-4
D605	R-4	FL515	J-6	*IC621	N-3	IC1050	D-4	Q1000	L-6
*D606	N-3	FL516	H-7	IC623	R-3	IC1051	L-5	*Q1001	L-6
*D607	N-4	FL517	H-6	IC624	R-4	IC1052	B-5	Q1002	L-6
*D750	H-4	FL600	P-1	IC625	P-1	IC1053	B-2	Q1003	L-6
*D751	F-4	FL601	P-2	IC626	R-1	IC1054	C-3	*Q1004	B-3
*D752	F-2	FL602	P-3	IC627	P-2	IC1057	B-5	*Q1005	B-3
*D753	F-2	FL603	P-3	IC628	R-2	*IC1058	B-6	*Q1006	B-4
*D754	F-2	FL604	P-4	IC629	P-2	IC1192	K-6	Q1008	C-4
D1000	K-5	FL1000	B-7	IC630	R-2	IC1193	K-6	Q1009	C-4
*D1002	A-4	FL1001	A-7	IC631	P-3	IC1194	K-5	Q1010	L-5
*D1003	C-3	FL1002	C-6	IC632	R-3	IC1196	D-3	Q1011	L-5
*D1004	B-3	FL1003	C-6	IC633	P-4	IC1197	D-3	*Q1012	B-1
D1005	B-3	FL1004	B-6	IC634	R-4	IC1198	D-3		
*D1006	C-3	FL1005	B-6	IC635	R-2			RB312	H-3
*D1007	K-5	FL1006	B-6	IC636	R-2	L309	F-7	RB313	H-3
D1009	K-7	FL1007	B-6	IC637	R-3	L310	E-7	RB314	H-3
*D1010	A-4	FL1008	B-6	IC750	F-3	L500	C-6	RB315	G-4
		FL1009	B-6	IC751	E-1	L501	C-7	RB316	G-4
E300	F-6	FL1010	C-7	IC752	E-2	L502	H-7	RB317	G-4
E500	H-1	FL1011	C-7	IC753	F-3	L503	H-7	RB318	F-5
E600	N-2	FL1012	B-7	IC754	F-1	L504	K-1	RB319	F-5
E601	N-3	FL1013	B-7	IC756	F-2	L505	J-7	RB320	F-5
E750	G-3	FL1014	B-7	IC757	E-3	L506	J-7	RB321	F-4
E1000	A-1	FL1015	B-7	IC758	G-1	L507	J-7	RB322	F-5
E1001	C-3	FL1016	B-7	IC759	G-2	L508	L-1	RB323	F-5
		FL1017	B-7	IC760	G-2	L509	L-1	RB324	F-5
FB306	H-7	FL1018	A-6	IC761	F-3	L600	R-1	RB325	F-4
FB307	G-7	FL1019	A-6	IC762	F-4	L601	R-1	RB326	G-5
FB308	G-7	FL1020	A-6	IC1000	A-4	L603	R-2	RB327	G-5
*FB500	L-1	FL1021	A-6	IC1001	A-4	L605	R-3	RB328	G-5
*FB501	M-1	FL1022	A-6	IC1002	L-6	L606	R-3	RB500	C-7
*FB502	C-7	FL1023	A-6	IC1003	A-3	L607	R-3	RB501	C-7
*FB503	H-7	FL1024	A-6	IC1004	L-7	L608	R-4	RB502	H-7
FB505	M-7	FL1025	A-6	IC1006	A-2	L609	R-4	RB503	H-6
FB506	L-7	FL1026	B-7	IC1007	A-2	L610	N-4	*RB504	J-1
FB1000	A-1	FL1027	A-7	IC1008	D-3	L611	N-4	RB505	H-2
*FB1001	A-5	FL1028	A-7	IC1009	D-3	L616	R-4	RB506	H-2
*FB1002	D-3	FL1029	A-7	IC1010	L-6	L750	L-7	RB507	H-2
FB1003	A-2	FL1030	A-7	IC1011	C-2	L752	D-6	RB508	H-2
*FB1005	D-4	FL1031	A-7	IC1012	K-6	L754	D-6	RB509	H-2
FB1006	J-7	FL1032	A-7	IC1013	L-6	L755	C-6	RB510	J-3
FB1007	J-7	FL1033	A-7	IC1014	L-7	L757	C-6	RB511	J-3
FB1008	J-7			*IC1015	A-1	L1000	L-6	RB512	J-3
FB1009	D-7	IC307	H-4	IC1016	A-2	L1003	A-3	RB513	J-3
FB1010	D-7	*IC314	F-6	IC1017	K-5	L1004	A-4		
		*IC315	E-7	IC1018	C-3	L1005	A-3	TP500	J-1
FL303	F-7	IC316	F-4	IC1019	B-2	L1007	L-5	TP501	J-1
FL304	F-6	*IC500	C-7	IC1020	B-3	L1008	L-5	TP502	J-1
FL305	F-7	*IC501	C-7	IC1021	C-3	L1010	B-4	TP503	J-1
FL306	F-6	*IC502	H-7	IC1022	B-3	L1011	C-3	TP504	K-1
FL307	F-7	*IC503	H-6	IC1023	C-1	L1012	D-1	TP505	J-1
FL308	F-6	IC504	J-2	*IC1024	B-4	L1013	C-1	TP506	J-1
FL309	F-7	IC505	L-2	IC1025	D-1	L1014	A-6	TP507	J-1
FL310	F-6	IC506	K-1	*IC1026	C-5	L1016	D-2	TP508	J-1
FL311	F-7	*IC507	L-1	IC1027	A-5	L1017	D-2	TP600	R-2
FL312	F-7	IC508	N-1	IC1028	A-5	L1018	C-2	TP601	R-1
FL313	E-7	*IC509	J-6	IC1029	B-5	L1019	C-2	TP602	R-3
FL314	E-7	*IC510	H-6	IC1030	D-2	L1020	A-7	TP603	R-3
FL315	E-7	*IC511	K-7	IC1031	C-1	L1021	A-7	TP604	R-4
FL316	E-7	IC512	M-2	IC1032	B-5	L1022	B-6	TP1000	L-6
FL317	E-7	IC600	N-3	IC1033	C-2	L1023	B-7	TP1001	B-1
FL318	E-7	*IC601	N-4	IC1034	C-2	L1024	A-7	TP1002	C-2
FL500	K-7	*IC602	N-2	IC1035	D-4			TP1003	B-1
FL501	K-7	IC603	M-2	IC1036	D-4	PS100	D-7		
FL502	K-7	IC604	N-1	*IC1037	A-7				
FL503	K-6	*IC605	M-4	*IC1038	B-6	Q600	N-1		

*: B SIDE

LOT NO. G-1

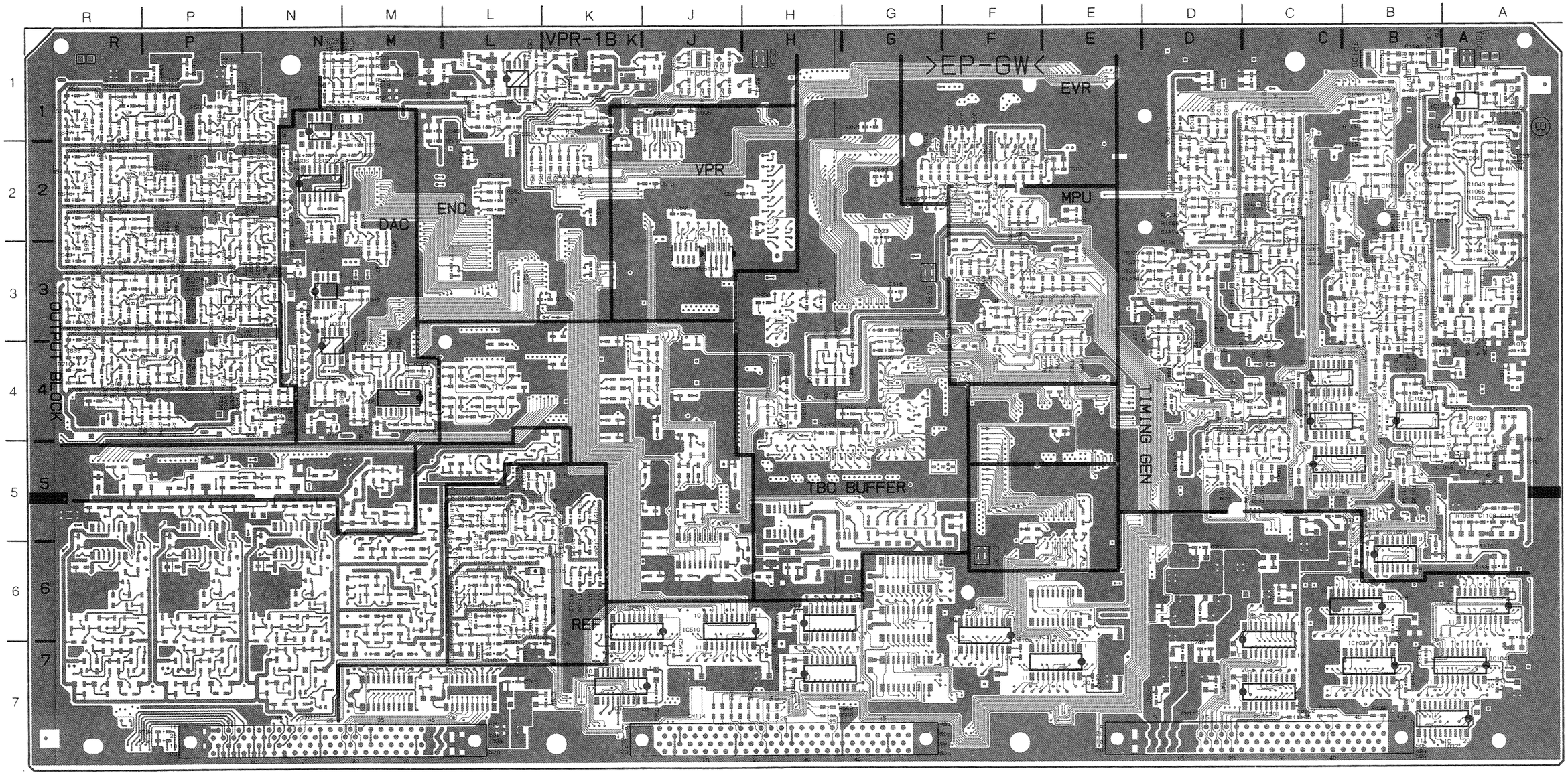
1-9 (e)



VPR-1B BOARD -A SIDE-

1-648-532-25 (LOT No. 705 - 802)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB



VPR-1B BOARD -B SIDE-

1-648-532-25 (LOT No. 705 - 802)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB

VPR-1B ; Video signal processor, D/A, Reference clock generator, Composite encoder

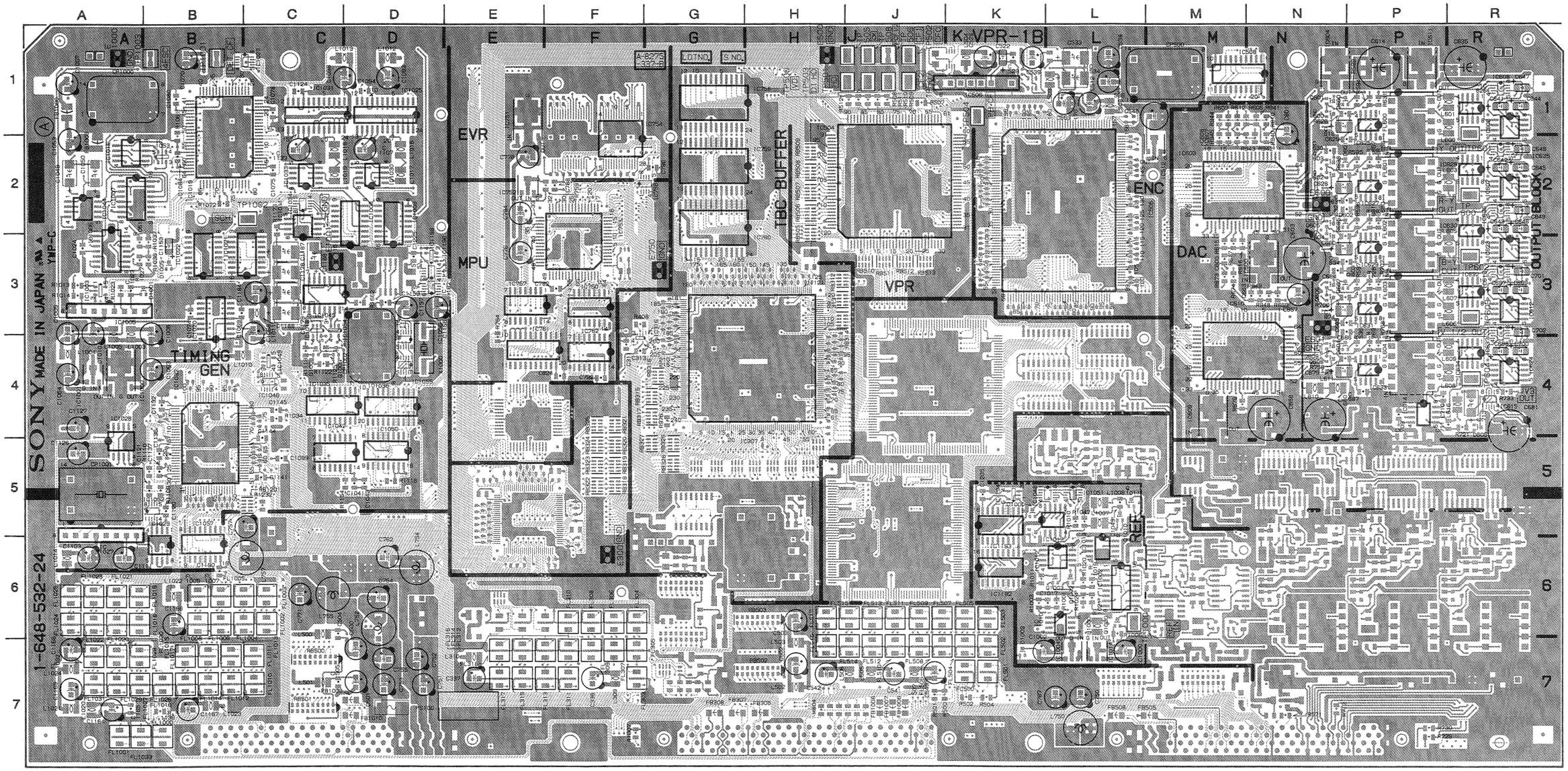
(Board's Lot No. 503 through 704)
All player models

VPR-1B(1-648-532-24)

CN113	M-7	FL316	E-7	✱IC511	K-7	IC1029	B-5	TP602	R-3
CN114	H-7	FL317	E-7	IC512	M-2	IC1030	D-2	TP603	R-3
CN115	C-7	FL318	E-7	IC600	N-3	IC1031	C-1	TP604	R-4
		FL500	K-7	✱IC601	N-4	IC1032	B-5	TP1000	L-6
CP500	M-1	FL501	K-7	✱IC602	N-2	IC1033	C-2	TP1001	B-1
CP1000	A-1	FL502	K-7	IC603	M-2	IC1034	C-2	TP1002	C-2
CP1001	A-5	FL503	K-6	IC604	N-1	IC1035	D-4	TP1003	B-1
CP1002	D-3	FL504	K-7	✱IC605	M-4	IC1036	D-4		
		FL505	K-6	IC606	R-1	✱IC1037	A-7	X1000	C-4
D600	N-1	FL506	J-7	IC607	R-2	✱IC1038	B-6		
D601	N-2	FL507	J-6	IC608	R-1	✱IC1039	B-7		
D602	N-2	FL508	J-7	IC609	N-4	✱IC1040	A-6		
D603	N-3	FL509	J-6	IC610	M-4	✱IC1041	A-7		
D604	N-4	FL510	J-7	IC611	P-1	IC1042	D-5		
D605	R-4	FL511	J-6	IC612	R-3	✱IC1043	C-4		
✱D606	N-3	FL512	J-7	IC613	R-3	IC1044	A-2		
✱D607	N-4	FL513	J-6	IC614	P-4	IC1045	C-3		
✱D750	H-4	FL514	J-7	IC615	R-4	IC1046	C-4		
✱D751	F-4	FL515	J-6	✱IC619	N-2	✱IC1047	C-4		
✱D752	F-2	FL516	H-7	✱IC621	N-3	IC1048	K-5		
✱D753	F-2	FL517	H-6	IC623	R-3	IC1049	C-4		
✱D754	F-2	FL600	P-1	IC624	R-4	IC1050	D-5		
D1000	K-5	FL601	P-2	IC625	P-1	IC1051	L-5		
D1001	B-3	FL602	P-2	IC626	R-1	IC1052	B-5		
✱D1002	A-4	FL603	P-3	IC627	P-2	IC1053	B-2		
✱D1003	C-3	FL604	P-4	IC628	R-2	IC1054	C-3		
✱D1004	B-3	FL1000	B-7	IC629	P-3	IC1055	D-4		
D1005	B-3	FL1001	A-7	IC630	R-2	IC1056	D-4		
✱D1006	C-6	FL1002	C-6	IC631	P-3	IC1057	B-5		
✱D1007	K-5	FL1003	C-6	IC632	R-3	✱IC1058	B-6		
✱D1008	D-4	FL1004	B-6	IC633	P-4	IC1192	K-6		
D1009	K-7	FL1005	B-6	IC634	R-4	IC1193	K-6		
✱D1010	A-4	FL1006	B-6	IC635	R-2	IC1194	K-5		
		FL1007	B-6	IC636	R-3	IC1196	D-3		
E300	F-6	FL1008	B-6	IC637	R-4	IC1197	D-3		
E500	H-1	FL1009	B-6	IC750	F-3	IC1198	D-3		
E600	N-2	FL1010	C-7	IC751	E-1				
E601	N-3	FL1011	C-7	IC752	E-2	PS100	D-7		
E750	F-3	FL1012	B-7	IC753	F-3				
E1000	A-1	FL1013	B-7	IC754	F-1	Q600	N-1		
E1001	C-3	FL1014	B-7	IC756	F-2	Q601	N-1		
		FL1015	B-7	IC757	E-3	Q602	N-2		
FB306	H-7	FL1016	B-7	IC758	G-1	Q603	N-2		
FB307	G-7	FL1017	B-7	IC759	G-2	Q604	N-3		
FB308	G-7	FL1018	A-6	IC760	G-2	Q605	N-2		
✱FB500	L-1	FL1019	A-6	IC761	E-3	Q606	N-3		
✱FB501	M-1	FL1020	A-6	IC762	F-3	Q607	N-3		
✱FB502	C-7	FL1021	A-6	IC1000	A-4	Q608	N-4		
✱FB503	H-7	FL1022	A-6	IC1001	A-4	Q609	N-4		
FB505	M-7	FL1023	A-6	IC1002	L-6	✱Q620	N-4		
FB506	L-7	FL1024	A-6	IC1003	A-3	✱Q750	H-4		
FB1000	A-1	FL1025	A-6	IC1004	L-7	Q1000	L-6		
✱FB1001	A-5	FL1026	B-7	IC1005	A-3	✱Q1001	L-6		
✱FB1002	C-3	FL1027	A-7	IC1006	A-2	Q1002	L-6		
FB1003	A-2	FL1028	A-7	IC1007	A-2	Q1003	L-6		
✱FB1004	A-5	FL1029	A-7	IC1008	D-3	✱Q1004	B-3		
✱FB1005	D-4	FL1030	A-7	IC1009	D-3	✱Q1005	B-3		
FB1006	J-7	FL1031	A-7	IC1010	L-6	✱Q1006	B-4		
FB1007	J-7	FL1032	A-7	IC1011	C-2	✱Q1007	B-2		
FB1008	J-7	FL1033	A-7	IC1012	L-6	Q1008	C-3		
FB1009	D-7			IC1013	L-6	Q1009	C-3		
FB1010	D-7	IC307	H-4	IC1014	L-7	Q1010	L-5		
		✱IC314	F-6	✱IC1015	A-1	Q1011	L-5		
FL303	F-7	✱IC315	E-7	IC1016	A-2	✱Q1012	B-1		
FL304	F-6	IC316	F-4	IC1017	L-5				
FL305	F-7	✱IC500	C-7	IC1018	C-3	TP500	J-1		
FL306	F-6	✱IC501	C-7	IC1019	B-2	TP501	J-1		
FL307	F-7	✱IC502	H-7	IC1020	B-3	TP502	J-1		
FL308	F-6	✱IC503	H-6	IC1021	C-3	TP503	J-1		
FL309	F-7	IC504	J-2	IC1022	B-3	TP504	K-1		
FL310	F-6	IC505	L-2	IC1023	C-1	TP505	J-1		
FL311	F-7	IC506	K-1	✱IC1024	B-4	TP506	J-1		
FL312	F-7	✱IC507	L-1	IC1025	D-1	TP507	J-1		
FL313	E-7	IC508	N-1	✱IC1026	C-5	TP508	J-1		
FL314	E-7	✱IC509	J-6	IC1027	A-5	TP600	R-2		
FL315	E-7	✱IC510	H-6	IC1028	A-4	TP601	R-2		

✱ : B SIDE

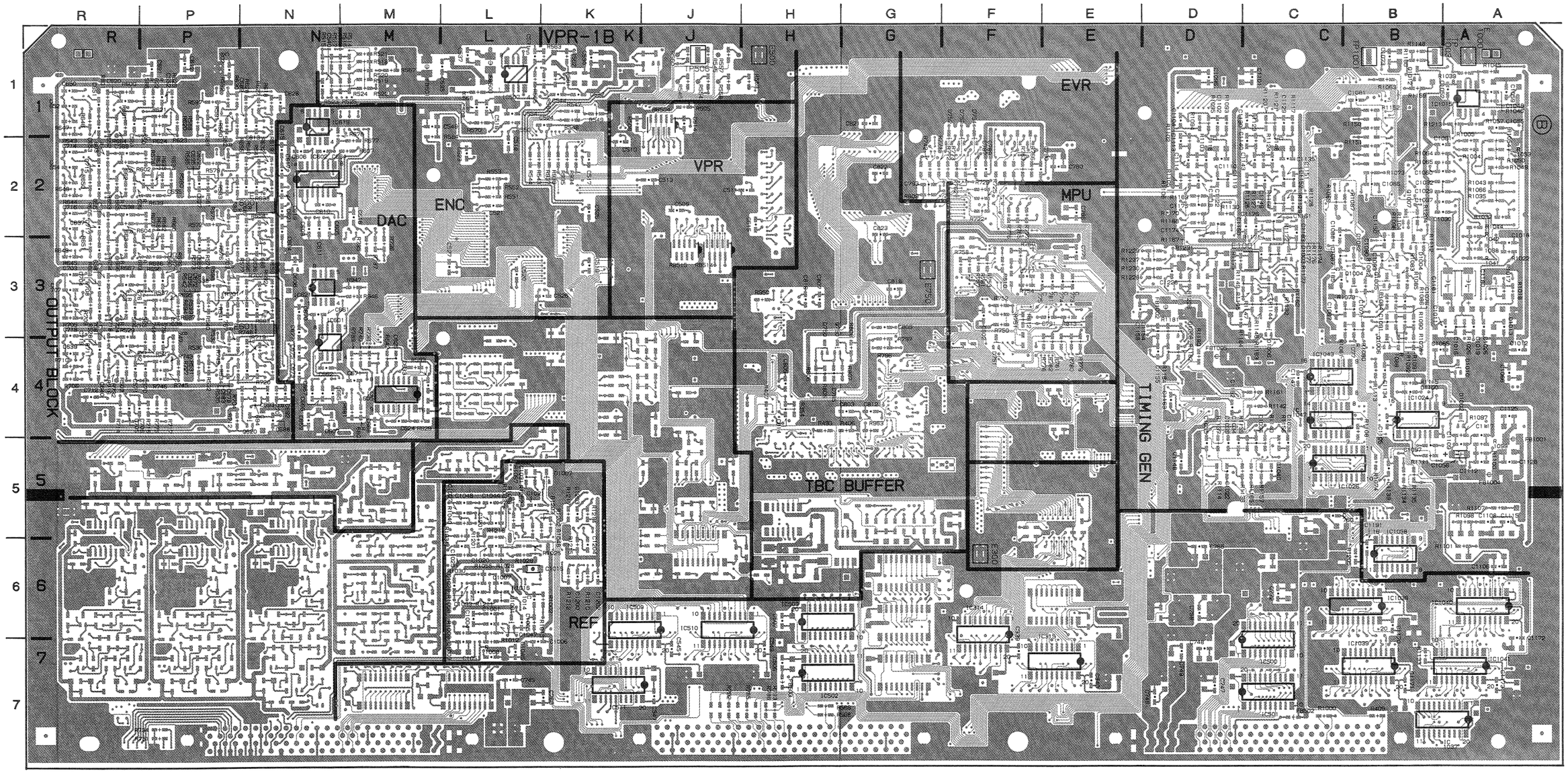
LOT NO. G-1



VPR-1B BOARD -A SIDE-

1-648-532-24 (LOT No. 503 - 704)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB



VPR-1B BOARD -B SIDE-

1-648-532-24 (LOT No. 503 - 704)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(J)	; VPR-1BA	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB

VPR-1B ; Video signal processor, D/A, Reference clock generator, Composite encoder

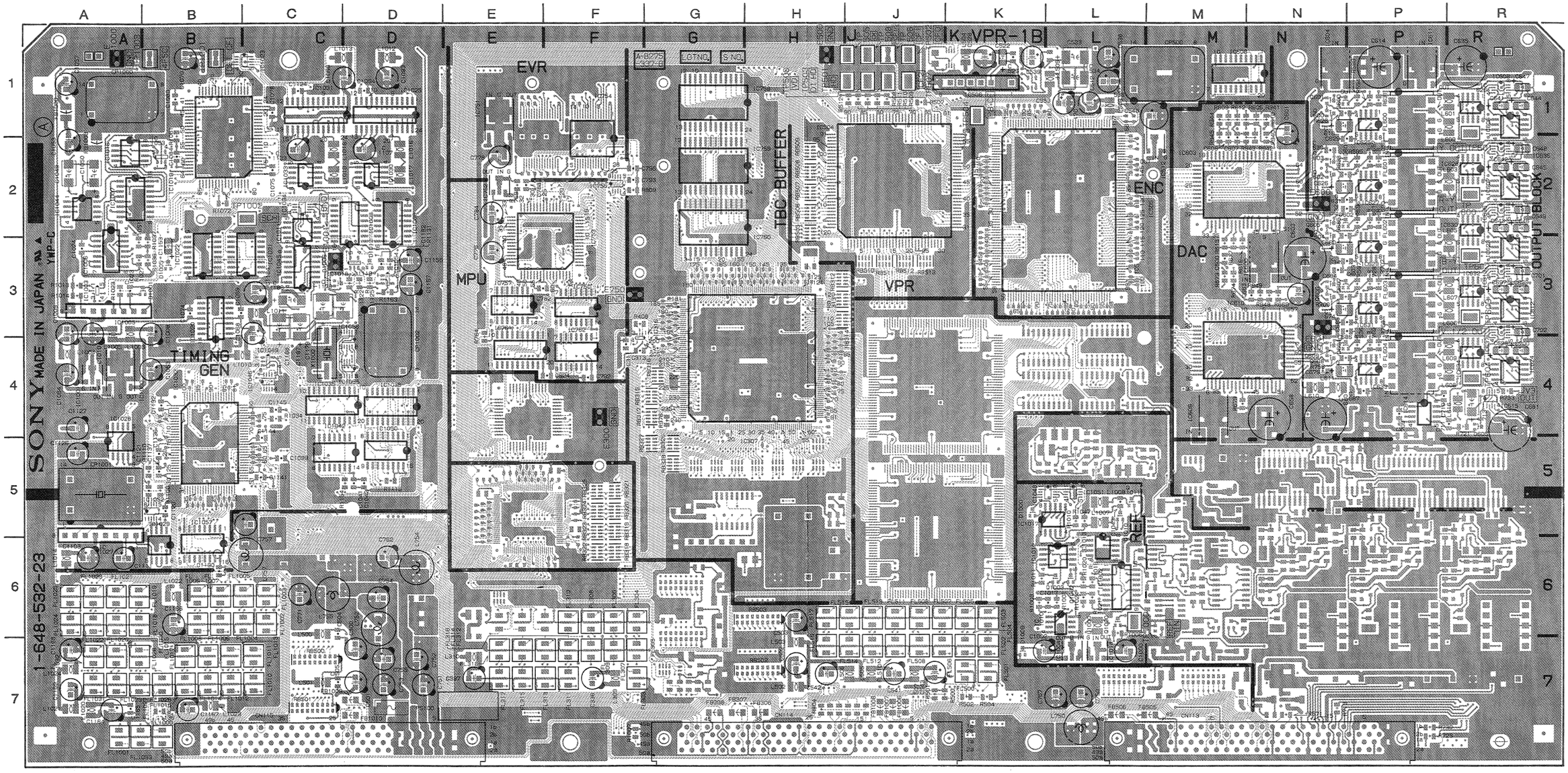
(Board's Lot No. 411 through 502)
All player models

VPR-1B(1-648-532-23)

CN113	M-7	FL314	E-7	✱IC509	J-6	IC1027	A-5	TP1000	L-6
CN114	H-7	FL315	E-7	✱IC510	H-6	IC1028	A-4	TP1001	B-1
CN115	C-7	FL316	E-7	✱IC511	K-7	IC1029	B-5	TP1002	C-2
		FL317	E-7	IC512	M-2	IC1030	D-2	TP1003	B-1
CP500	M-1	FL318	E-7	IC600	N-3	IC1031	C-1		
CP1000	A-1	FL500	K-7	✱IC601	N-4	IC1032	B-5	X1000	C-4
CP1001	A-5	FL501	K-7	✱IC602	N-2	IC1033	C-2		
CP1002	D-3	FL502	K-7	IC603	M-2	IC1034	C-2		
		FL503	K-6	IC604	N-1	IC1035	D-4		
D600	N-1	FL504	K-7	✱IC605	M-4	IC1036	D-4		
D601	N-2	FL505	K-6	IC606	R-1	✱IC1037	A-7		
D602	N-2	FL506	J-7	IC607	R-2	✱IC1038	B-6		
D603	N-3	FL507	J-6	IC608	R-1	✱IC1039	B-7		
D604	N-4	FL508	J-7	IC609	N-4	✱IC1040	A-6		
D605	R-4	FL509	J-6	IC610	M-4	✱IC1041	A-7		
✱D606	N-3	FL510	J-7	IC611	P-1	IC1042	D-5		
✱D607	N-4	FL511	J-6	IC612	R-3	✱IC1043	C-4		
✱D750	H-4	FL512	J-7	IC613	R-3	IC1044	A-2		
✱D751	F-4	FL513	J-6	IC614	P-4	IC1045	C-3		
✱D752	F-2	FL514	J-7	IC615	R-4	IC1046	C-4		
✱D753	F-2	FL515	J-6	✱IC619	N-2	✱IC1047	C-4		
✱D754	F-2	FL516	H-7	✱IC621	N-3	IC1048	K-5		
D1000	K-5	FL517	H-6	IC623	R-3	IC1049	C-4		
D1001	B-3	FL600	P-1	IC624	R-4	IC1050	D-5		
✱D1002	A-4	FL601	P-2	IC625	P-1	IC1051	L-5		
✱D1003	C-3	FL602	P-2	IC626	R-1	IC1052	B-5		
✱D1004	B-3	FL603	P-3	IC627	P-2	IC1053	B-2		
D1005	B-3	FL604	P-4	IC628	R-2	IC1054	D-3		
D1006	C-6	FL1000	B-7	IC629	P-3	IC1055	D-4		
✱D1007	K-5	FL1001	A-7	IC630	R-2	IC1056	D-4		
✱D1008	D-4	FL1002	C-6	IC631	P-3	IC1057	B-5		
D1009	K-7	FL1003	C-6	IC632	R-3	✱IC1058	B-6		
✱D1010	A-4	FL1004	B-6	IC633	P-4				
✱D1011	D-3	FL1005	B-6	IC634	R-4	PS100	D-7		
D1012	D-3	FL1006	B-6	IC635	R-2				
		FL1007	B-6	IC636	R-3	Q600	N-1		
E300	F-4	FL1008	B-6	IC637	R-4	Q601	N-1		
E500	H-1	FL1009	B-6	IC750	F-3	Q602	N-2		
E600	N-2	FL1010	C-7	IC751	E-1	Q603	N-2		
E601	N-3	FL1011	C-7	IC752	E-2	Q604	N-3		
E750	F-3	FL1012	B-7	IC753	F-3	Q605	N-2		
E1000	A-1	FL1013	B-7	IC754	F-1	Q606	N-3		
E1001	C-3	FL1014	B-7	IC756	F-2	Q607	N-3		
		FL1015	B-7	IC757	E-3	Q608	N-4		
FB306	H-7	FL1016	B-7	IC758	G-1	Q609	N-4		
FB307	G-7	FL1017	B-7	IC759	G-2	✱Q620	N-4		
FB308	G-7	FL1018	A-6	IC760	G-2	✱Q750	H-4		
✱FB500	L-1	FL1019	A-6	IC761	E-3	Q1000	L-6		
✱FB501	M-1	FL1020	A-6	IC762	F-3	✱Q1001	L-6		
✱FB502	C-7	FL1021	A-6	IC1000	A-4	Q1002	L-6		
✱FB503	H-7	FL1022	A-6	IC1001	A-4	Q1003	L-6		
FB505	M-7	FL1023	A-6	IC1002	L-6	✱Q1004	B-3		
FB506	L-7	FL1024	A-6	IC1003	A-3	✱Q1005	B-3		
FB1000	A-1	FL1025	A-6	IC1004	L-7	✱Q1006	B-4		
✱FB1001	A-5	FL1026	B-7	IC1005	A-3	✱Q1007	B-2		
✱FB1002	C-3	FL1027	A-7	IC1006	A-2	✱Q1008	D-3		
FB1003	A-2	FL1028	A-7	IC1007	A-2	✱Q1009	D-3		
✱FB1004	A-5	FL1029	A-7	IC1008	D-3	Q1010	L-5		
✱FB1005	D-4	FL1030	A-7	IC1009	D-3	Q1011	L-5		
FB1006	J-7	FL1031	A-7	IC1010	L-6	✱Q1012	B-1		
FB1007	J-7	FL1032	A-7	IC1011	C-2	✱Q1013	D-3		
FB1008	J-7	FL1033	A-7	IC1012	L-6				
FB1009	D-7			IC1013	L-6	TP500	J-1		
FB1010	D-7	IC307	H-4	IC1014	L-7	TP501	J-1		
		✱IC314	F-6	✱IC1015	A-1	TP502	J-1		
FL303	F-7	✱IC315	E-7	IC1016	A-2	TP503	J-1		
FL304	F-6	IC316	F-4	IC1017	L-5	TP504	K-1		
FL305	F-7	✱IC500	C-7	IC1018	D-3	TP505	J-1		
FL306	F-6	✱IC501	C-7	IC1019	B-2	TP506	J-1		
FL307	F-7	✱IC502	H-7	IC1020	B-3	TP507	J-1		
FL308	F-6	✱IC503	H-6	IC1021	C-3	TP508	J-1		
FL309	F-7	IC504	J-2	IC1022	B-3	TP600	R-2		
FL310	F-6	IC505	L-2	IC1023	C-1	TP601	R-2		
FL311	F-7	IC506	K-1	✱IC1024	B-4	TP602	R-3		
FL312	F-7	✱IC507	L-1	IC1025	D-1	TP603	R-3		
FL313	E-7	IC508	N-1	✱IC1026	C-5	TP604	R-4		

✱ : B SIDE

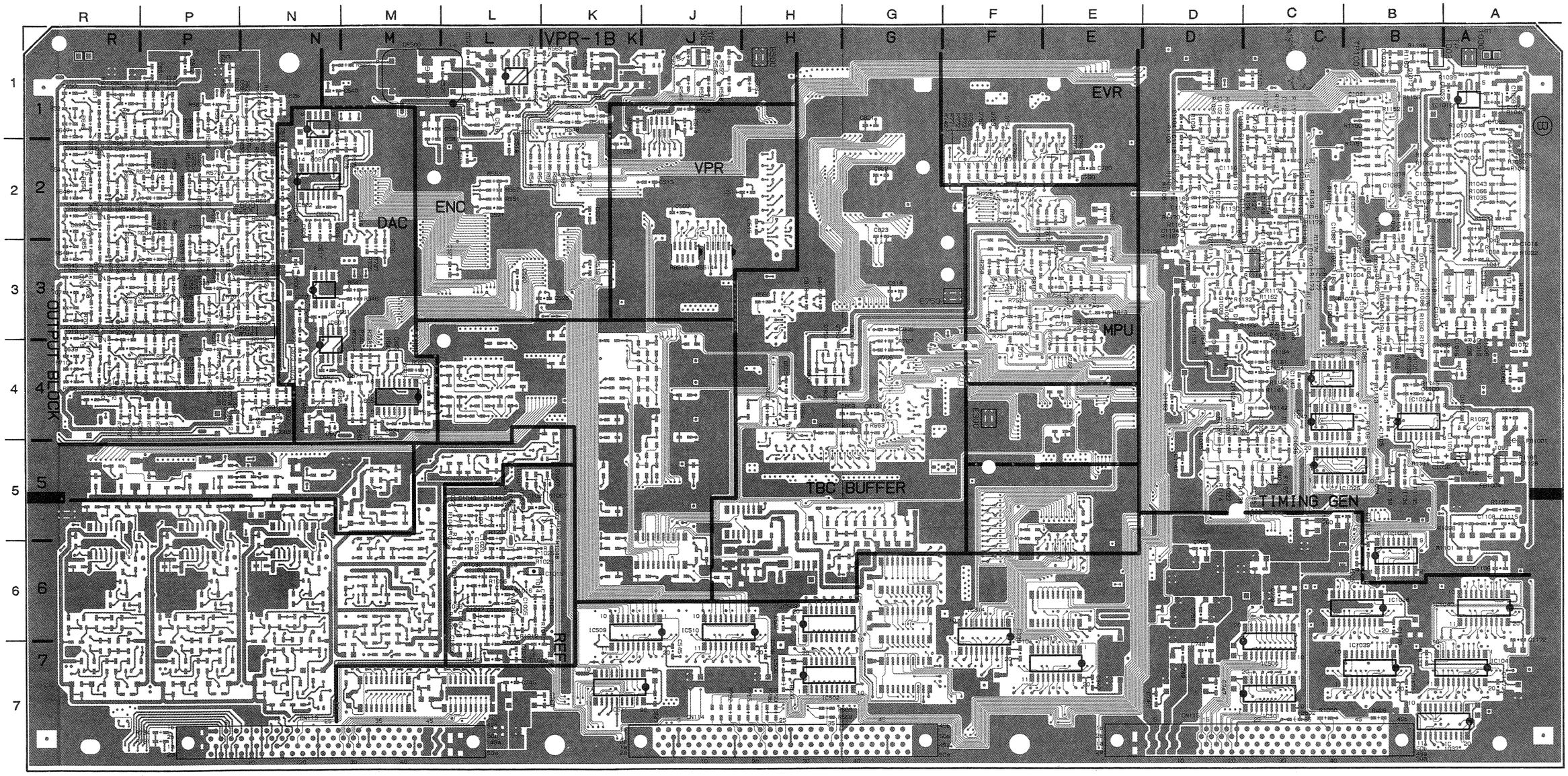
LOT NO. G-1



VPR-1B BOARD -A SIDE-

1-648-532-23 (LOT No. 411 - 502)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB



VPR-1B BOARD -B SIDE-

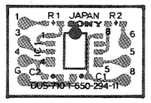
1-648-532-23 (LOT No. 411 - 502)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB

VPR-1B, DUS-710

VPR-1B ; Video signal processor, D/A, Reference clock generator, Composite encoder
DUS-710

(Board's Lot No. 401 through 410)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



DUS-710 BOARD -A SIDE-
1-650-294-11

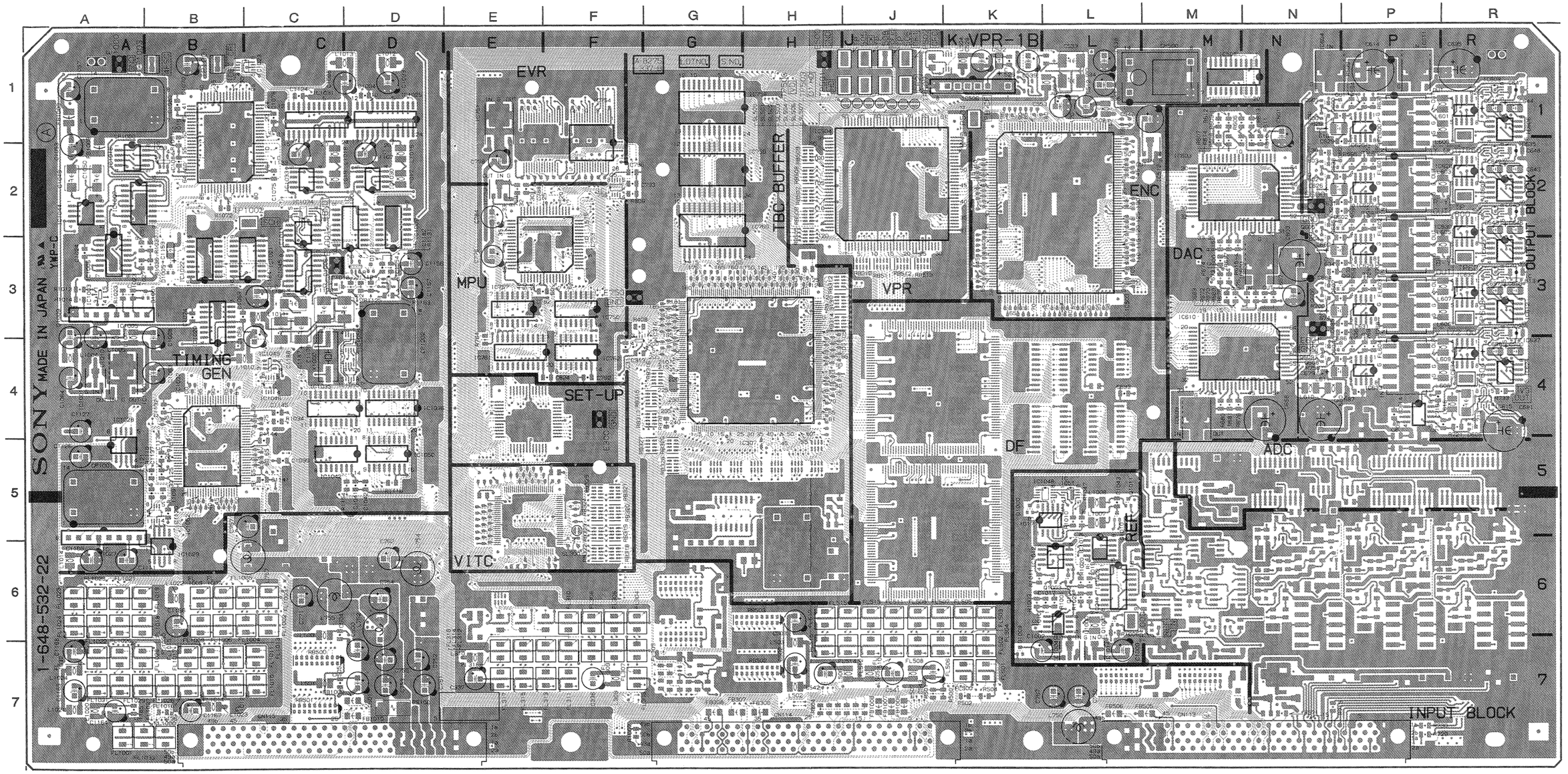
VPR-1B(1-648-532-22)

CN113	M-7	FL314	E-7	✱IC509	J-6	IC1027	A-5	TP507	J-1
CN114	H-7	FL315	E-7	✱IC510	H-6	IC1028	A-4	TP508	J-1
CN115	C-7	FL316	E-7	✱IC511	K-7	IC1029	B-5	TP600	R-2
		FL317	E-7	IC512	M-2	IC1030	D-2	TP601	R-2
CP500	M-1	FL318	E-7	IC600	N-3	IC1031	C-1	TP602	R-3
CP1000	A-1	FL500	K-7	✱IC601	N-4	IC1032	B-5	TP603	R-3
CP1001	A-5	FL501	K-7	✱IC602	N-2	IC1033	C-2	TP604	R-4
CP1002	D-3	FL502	K-7	IC603	M-2	IC1034	C-2	TP1000	L-6
		FL503	K-6	IC604	N-1	IC1035	D-4	TP1001	B-1
D600	N-1	FL504	K-7	✱IC605	M-4	IC1036	D-4	TP1002	C-2
D601	N-2	FL505	K-6	IC606	R-1	✱IC1037	A-7	TP1003	B-1
D602	N-2	FL506	J-7	IC607	R-2	✱IC1038	B-6		
D603	N-3	FL507	J-6	IC608	R-1	✱IC1039	B-7	X1000	C-4
D604	N-4	FL508	J-7	IC609	N-4	✱IC1040	A-6		
D605	R-4	FL509	J-6	IC610	M-4	✱IC1041	A-7		
✱D606	N-3	FL510	J-7	IC611	P-1	IC1042	D-5		
✱D607	N-4	FL511	J-6	IC612	R-3	✱IC1043	C-4		
✱D750	H-4	FL512	J-7	IC613	R-3	IC1044	A-2		
✱D751	F-4	FL513	J-6	IC615	R-4	IC1045	C-3		
✱D752	F-2	FL514	J-7	IC616	P-1	IC1046	C-4		
✱D753	F-2	FL515	J-6	✱IC619	N-2	✱IC1047	C-4		
✱D754	F-2	FL516	H-7	✱IC621	N-3	IC1048	K-5		
D1000	K-5	FL517	H-6	IC623	R-3	IC1049	C-4		
D1001	B-3	FL600	P-1	IC624	R-4	IC1050	D-5		
✱D1002	A-4	FL601	P-2	IC625	P-1	IC1051	L-5		
✱D1003	C-3	FL602	P-2	IC626	R-1	IC1052	B-5		
✱D1004	B-3	FL603	P-3	IC627	P-2	IC1053	B-2		
D1005	B-3	FL604	P-4	IC628	R-2	IC1054	D-3		
D1006	C-6	FL1000	B-7	IC629	P-3	IC1055	D-4		
✱D1007	K-5	FL1001	A-7	IC630	R-2	IC1056	D-4		
✱D1008	D-4	FL1002	C-6	IC631	P-3				
D1009	K-7	FL1003	C-6	IC632	R-3	PS100	D-7		
✱D1010	A-4	FL1004	B-6	IC633	P-4				
✱D1011	D-3	FL1005	B-6	IC634	R-4	Q600	N-1		
D1012	D-3	FL1006	B-6	IC635	R-2	Q601	N-1		
		FL1007	B-6	IC636	R-3	Q602	N-2		
E300	F-4	FL1008	B-6	IC637	R-4	Q603	N-2		
E500	H-1	FL1009	B-6	IC750	F-3	Q604	N-3		
E600	N-2	FL1010	C-7	IC751	E-1	Q605	N-2		
E601	N-3	FL1011	C-7	IC752	E-2	Q606	N-3		
E750	F-3	FL1012	B-7	IC753	F-3	Q607	N-3		
E1000	A-1	FL1013	B-7	IC754	F-1	Q608	N-4		
E1001	C-3	FL1014	B-7	IC756	F-2	Q609	N-4		
		FL1015	B-7	IC757	E-3	✱Q620	N-4		
FB306	H-7	FL1016	B-7	IC758	G-1	✱Q750	H-4		
FB307	G-7	FL1017	B-7	IC759	G-2	Q1000	L-6		
FB308	G-7	FL1018	A-6	IC760	G-2	✱Q1001	L-6		
✱FB500	L-1	FL1019	A-6	IC761	E-3	Q1002	L-6		
✱FB501	M-1	FL1020	A-6	IC762	F-3	Q1003	L-6		
✱FB502	C-7	FL1021	A-6	IC1000	A-4	✱Q1004	B-3		
✱FB503	H-7	FL1022	A-6	IC1001	A-4	✱Q1005	B-3		
FB505	M-7	FL1023	A-6	IC1002	L-6	✱Q1006	B-4		
FB506	L-7	FL1024	A-6	IC1003	A-3	✱Q1007	B-2		
FB1000	A-1	FL1025	A-6	IC1004	L-7	✱Q1008	D-3		
✱FB1001	A-5	FL1026	B-7	IC1005	A-3	✱Q1009	D-3		
✱FB1002	C-3	FL1027	A-7	IC1006	A-2	Q1010	L-5		
FB1003	A-2	FL1028	A-7	IC1007	A-2	Q1011	L-5		
✱FB1004	A-5	FL1029	A-7	IC1008	D-3	✱Q1012	B-1		
✱FB1005	D-4	FL1030	A-7	IC1009	D-3	✱Q1013	D-3		
FB1006	J-7	FL1031	A-7	IC1010	L-6				
FB1007	J-7	FL1032	A-7	IC1011	C-2	SL300	F-5		
FB1008	J-7	FL1033	A-7	IC1012	L-6	SL500	H-1		
FB1009	D-7			IC1013	L-6	SL501	H-1		
FB1010	D-7	IC307	H-4	IC1014	L-7	SL502	H-1		
		✱IC314	F-6	✱IC1015	A-1	SL503	H-1		
FL303	F-7	✱IC315	E-7	IC1016	A-2	SL504	H-1		
FL304	F-6	IC316	F-4	IC1017	L-5	SL506	H-1		
FL305	F-7	✱IC500	C-7	IC1018	D-3	SL507	H-1		
FL306	F-6	✱IC501	C-7	IC1019	B-2				
FL307	F-7	✱IC502	H-7	IC1020	B-3	TP500	J-1		
FL308	F-6	✱IC503	H-6	IC1021	C-3	TP501	J-1		
FL309	F-7	IC504	J-2	IC1022	B-3	TP502	J-1		
FL310	F-6	IC505	L-2	IC1023	C-1	TP503	J-1		
FL311	F-7	IC506	K-1	✱IC1024	B-4	TP504	K-1		
FL312	F-7	✱IC507	L-1	IC1025	D-1	TP505	J-1		
FL313	E-7	IC508	N-1	✱IC1026	C-5	TP506	J-1		

✱ : B SIDE

LOT NO. G-1

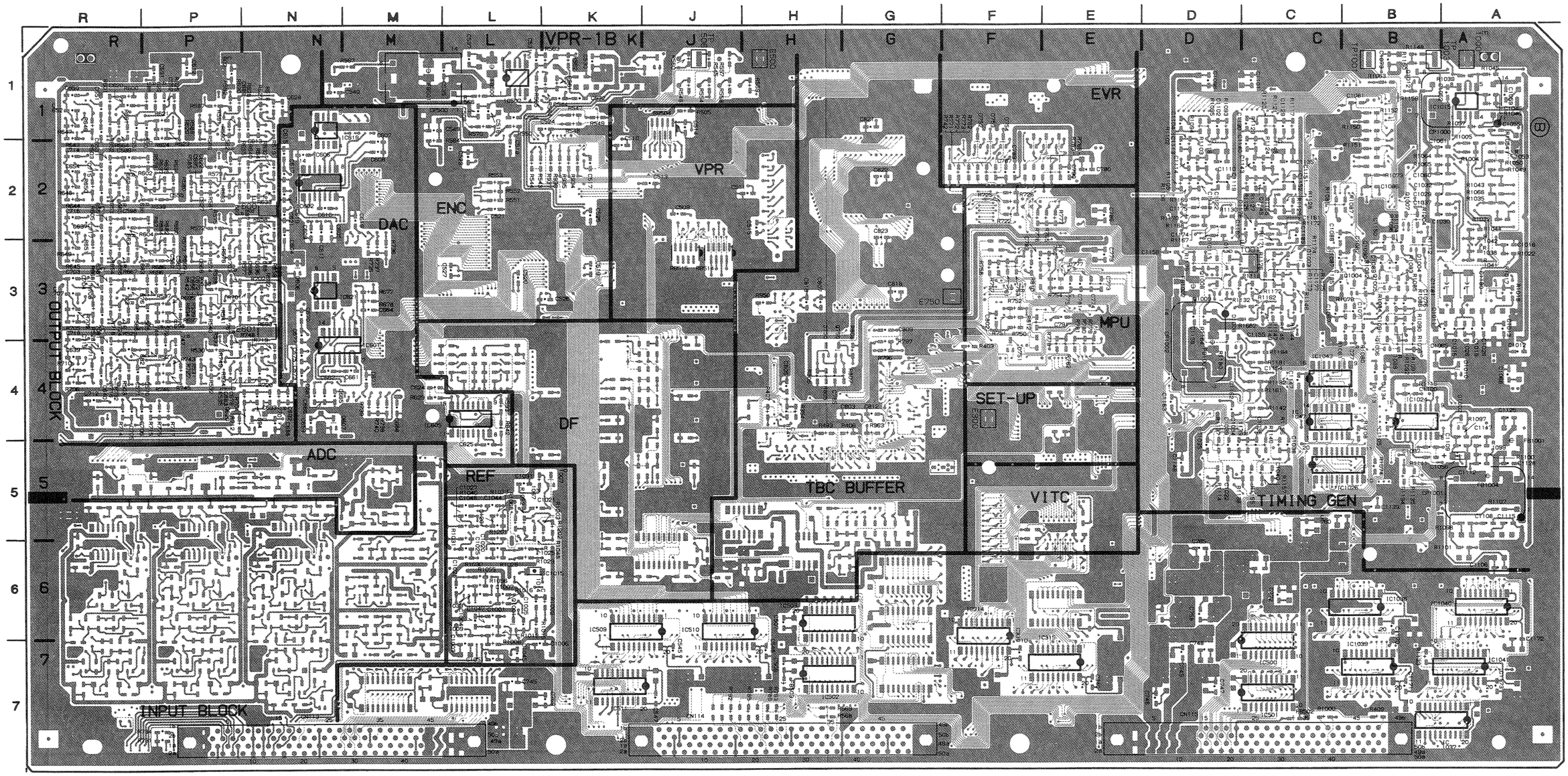
1-9 (b)



VPR-1B BOARD -A SIDE-

1-648-532-22 (LOT No. 401 - 410)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB



VPR-1B BOARD -B SIDE-

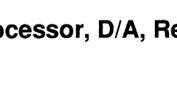
1-648-532-22 (LOT No. 401 - 410)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB

VPR-1B, DUS-744/769

VPR-1B ; Video signal processor, D/A, Reference clock generator, Composite encoder
DUS-744/769

(Board's Lot No. 307 through 312)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



DUS-769 BOARD -A SIDE-

1-653-049-11
for VPR-1B (1-648-532-21) of LOT No. 311/312

DUS-744 BOARD -A SIDE-

1-651-604-11

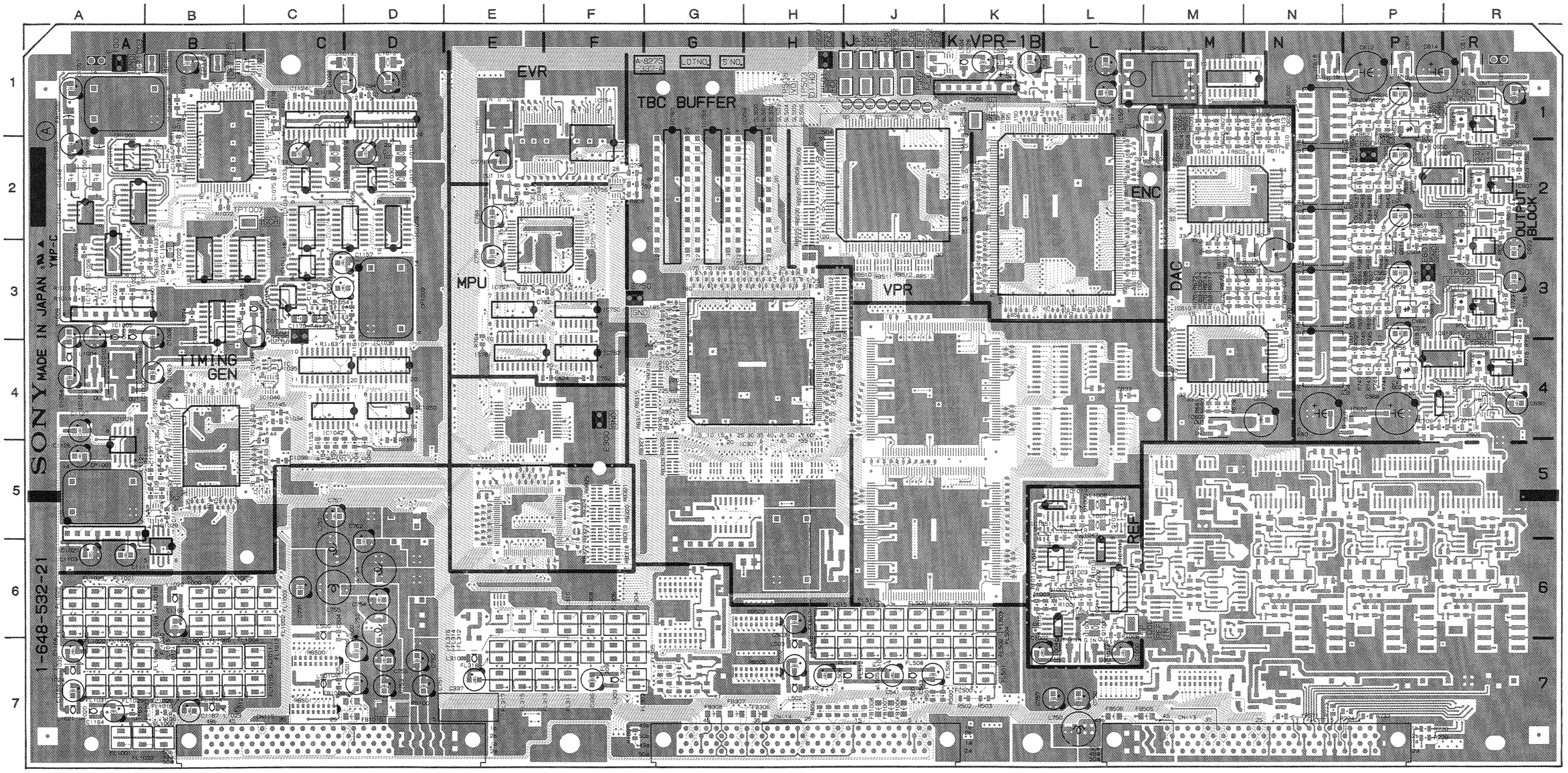
VPR-1B(1-648-532-21)

CN113	M-7	FL502	K-7	IC604	R-1	IC1044	A-2
CN114	H-7	FL503	K-6	✱IC605	M-4	IC1045	C-3
CN115	C-7	FL504	K-7	IC606	R-1	IC1046	C-4
		FL505	K-6	IC607	R-2	✱IC1047	C-4
CP500	M-1	FL506	J-7	IC608	P-2	IC1049	C-4
CP1000	A-1	FL507	J-6	IC609	N-4	IC1050	D-4
CP1001	A-5	FL508	J-7	IC610	M-4	IC1051	K-5
CP1002	D-3	FL509	J-6	IC611	P-4	IC1052	B-5
		FL510	J-7	IC612	R-3	IC1053	B-2
CV600	P-1	FL511	J-6	IC613	P-4	IC1054	C-3
CV601	P-3	FL512	J-7	IC614	P-4		
CV602	P-4	FL513	J-6	IC615	R-4	PS100	D-7
		FL514	J-7	IC616	P-1		
D605	R-4	FL515	J-6	✱IC617	M-2	✱Q600	N-1
✱D606	N-1	FL516	H-7	✱IC618	N-2	Q601	P-1
✱D607	P-4	FL517	H-6	✱IC619	N-2	✱Q602	P-1
✱D750	H-4	FL600	N-1	✱IC620	N-3	Q603	P-1
✱D751	F-4	FL601	N-2	✱IC621	N-3	✱Q604	N-2
✱D752	F-2	FL602	N-2	IC622	P-4	Q605	P-2
✱D753	F-2	FL603	N-3	IC623	R-3	✱Q606	P-2
✱D754	F-2	FL604	N-4	IC624	R-4	Q607	P-2
D1000	L-5	FL1000	B-7	IC750	F-3	✱Q608	N-3
D1001	B-3	FL1001	A-7	IC751	E-1	Q609	P-2
✱D1002	A-4	FL1002	C-6	IC752	E-2	✱Q610	P-2
✱D1003	C-3	FL1003	C-6	IC753	F-3	Q611	P-2
✱D1004	B-3	FL1004	B-6	IC754	F-1	✱Q612	N-3
D1005	B-3	FL1005	B-6	IC756	F-2	Q613	P-3
D1006	C-6	FL1006	B-6	IC757	E-3	✱Q614	P-3
		FL1007	B-6	IC758	G-1	Q615	P-3
E300	F-4	FL1008	B-6	IC759	G-1	✱Q616	N-4
E500	H-1	FL1009	B-6	IC760	G-1	Q617	P-4
E600	P-2	FL1010	C-7	IC761	E-3	✱Q618	P-4
E601	P-3	FL1011	C-7	IC762	F-3	Q619	P-4
E750	F-3	FL1012	B-7	IC1000	A-4	✱Q620	N-4
E1000	A-1	FL1013	B-7	IC1001	A-4	✱Q750	H-4
E1001	C-3	FL1014	B-7	IC1002	L-6	Q1000	L-6
		FL1015	B-7	IC1003	A-3	✱Q1001	L-6
FB306	H-7	FL1016	B-7	IC1004	L-7	Q1002	L-6
FB307	G-7	FL1017	B-7	IC1005	A-3	Q1003	L-6
FB308	G-7	FL1018	A-6	IC1006	A-2	✱Q1004	B-3
✱FB500	L-1	FL1019	A-6	IC1007	A-2	✱Q1005	B-3
✱FB501	M-1	FL1020	A-6	IC1008	D-3	✱Q1006	B-4
✱FB502	C-7	FL1021	A-6	IC1009	D-3	Q1011	L-5
✱FB503	H-7	FL1022	A-6	IC1010	L-6	✱Q1012	B-1
FB505	M-7	FL1023	A-6	IC1011	C-3		
FB506	L-7	FL1024	A-6	IC1012	L-6	SL500	H-1
FB1000	A-1	FL1025	A-6	IC1013	L-6	SL501	H-1
✱FB1001	A-5	FL1026	B-7	IC1014	L-7	SL502	H-1
✱FB1002	C-3	FL1027	A-7	✱IC1015	A-1	SL503	H-1
FB1003	A-2	FL1028	A-7	IC1016	A-2	SL504	H-1
✱FB1004	A-5	FL1029	A-7	IC1017	L-5	SL505	H-1
✱FB1005	D-3	FL1030	A-7	IC1019	B-2	SL506	H-1
FB1006	J-7	FL1031	A-7	IC1020	B-3	SL507	H-1
FB1007	J-7	FL1032	A-7	IC1021	C-3		
FB1008	J-7	FL1033	A-7	IC1022	B-3	TP500	J-1
FB1009	D-7			IC1023	C-1	TP501	J-1
FB1010	D-7	IC307	H-4	✱IC1024	B-4	TP502	J-1
		✱IC314	F-6	IC1025	D-1	TP503	J-1
FL303	F-7	✱IC315	E-7	✱IC1026	C-5	TP504	K-1
FL304	F-6	✱IC500	C-7	IC1027	A-5	TP505	J-1
FL305	F-7	✱IC501	C-7	IC1028	A-4	TP506	J-1
FL306	F-6	✱IC502	H-7	IC1029	B-5	TP507	J-1
FL307	F-7	✱IC503	H-6	IC1030	D-2	TP508	J-1
FL308	F-6	IC504	J-2	IC1031	C-1	TP600	R-2
FL309	F-7	IC505	L-2	IC1032	B-5	TP601	R-1
FL310	F-6	IC506	K-1	IC1033	C-2	TP602	R-2
FL311	F-7	✱IC507	L-1	IC1034	C-3	TP603	R-3
FL312	F-7	IC508	N-1	IC1035	D-4	TP604	R-3
FL313	E-7	✱IC509	J-6	IC1036	D-4	TP1000	L-6
FL314	E-7	✱IC510	H-6	✱IC1037	A-7	TP1001	B-1
FL315	E-7	✱IC511	K-7	✱IC1038	B-6	TP1002	C-2
FL316	E-7	IC512	M-2	✱IC1039	B-7	TP1003	B-1
FL317	E-7	IC600	N-3	✱IC1040	A-6		
FL318	E-7	✱IC601	N-4	✱IC1041	A-7		
FL500	K-7	✱IC602	N-2	IC1042	D-4		
FL501	K-7	IC603	M-2	✱IC1043	C-4		

✱ : B SIDE

LOT NO. G-1

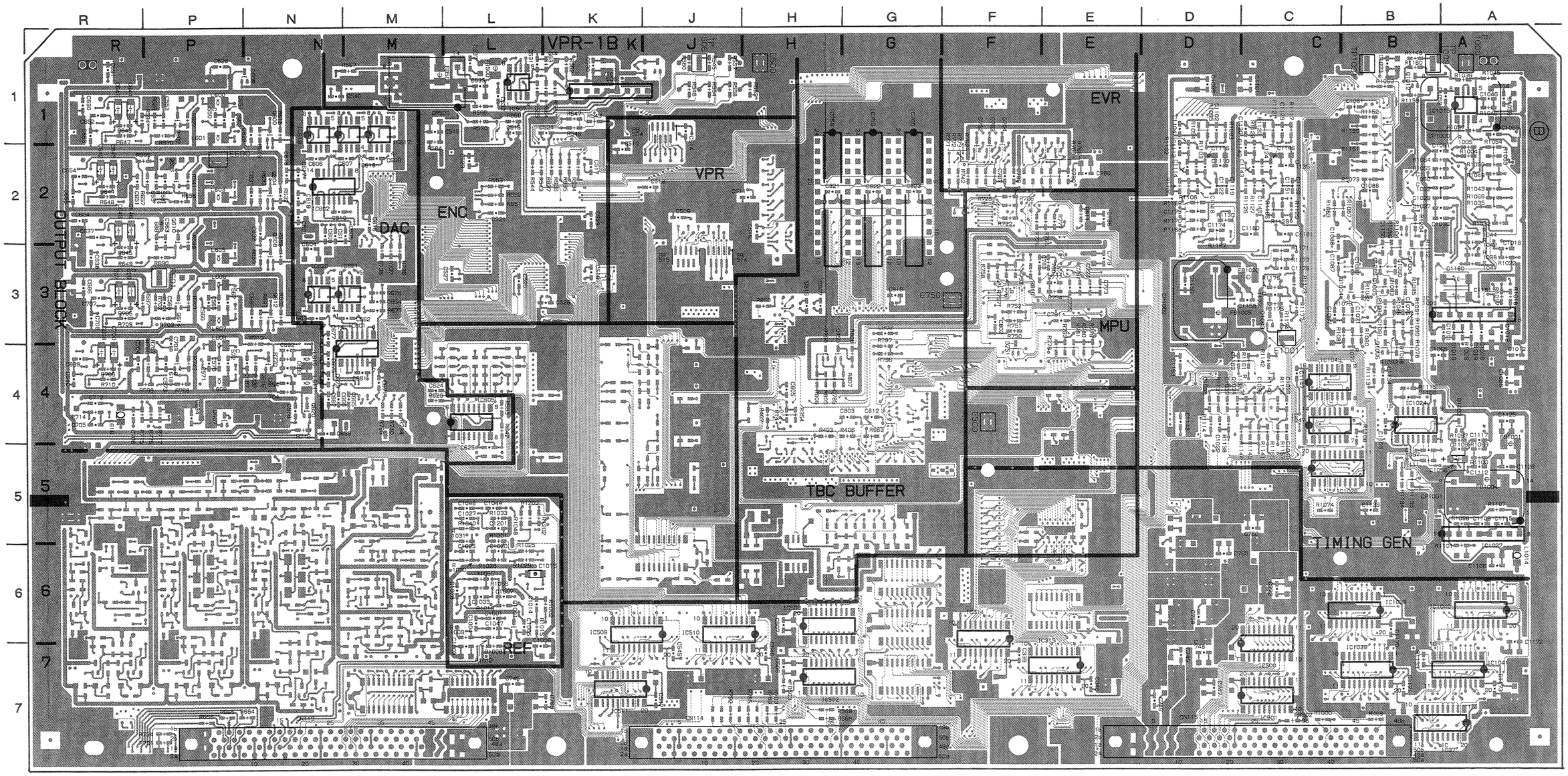
1-9 (a)



VPR-1B BOARD -A SIDE-

1-648-532-21 (LOT No. 307 - 312)

DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB



VPR-1B BOARD -B SIDE-

1-648-532-21 (LOT No. 307 - 312)

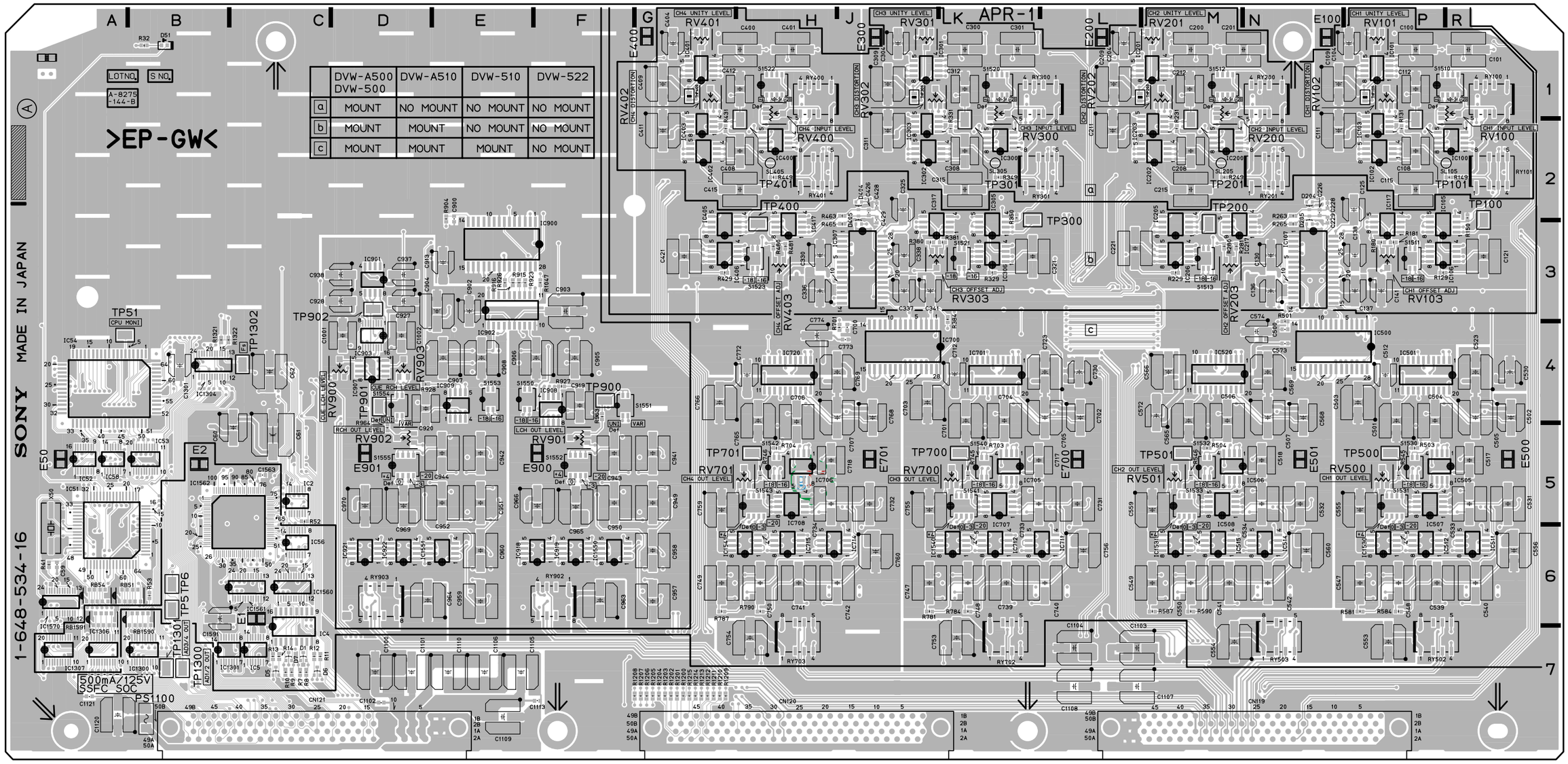
DVW-A510(J)	; VPR-1BA	MCB
DVW-A510(UC)	; VPR-1BA	MCB
DVW-A510P(EK)	; VPR-1BAP	MCB
DVW-510(J)	; VPR-1B	MCB
DVW-510(UC)	; VPR-1B	MCB
DVW-510P(EK)	; VPR-1BP	MCB
DVW-CA510(UC)	; VPR-1BA	MCB
DVW-CA510P(EK)	; VPR-1BAP	MCB

APR-1 ; Audio signal processor, A/D, D/A, AES/EBU interface

(Board's Lot No. 910 and higher)
All DVWs

APR-1 (1-648-834-16)

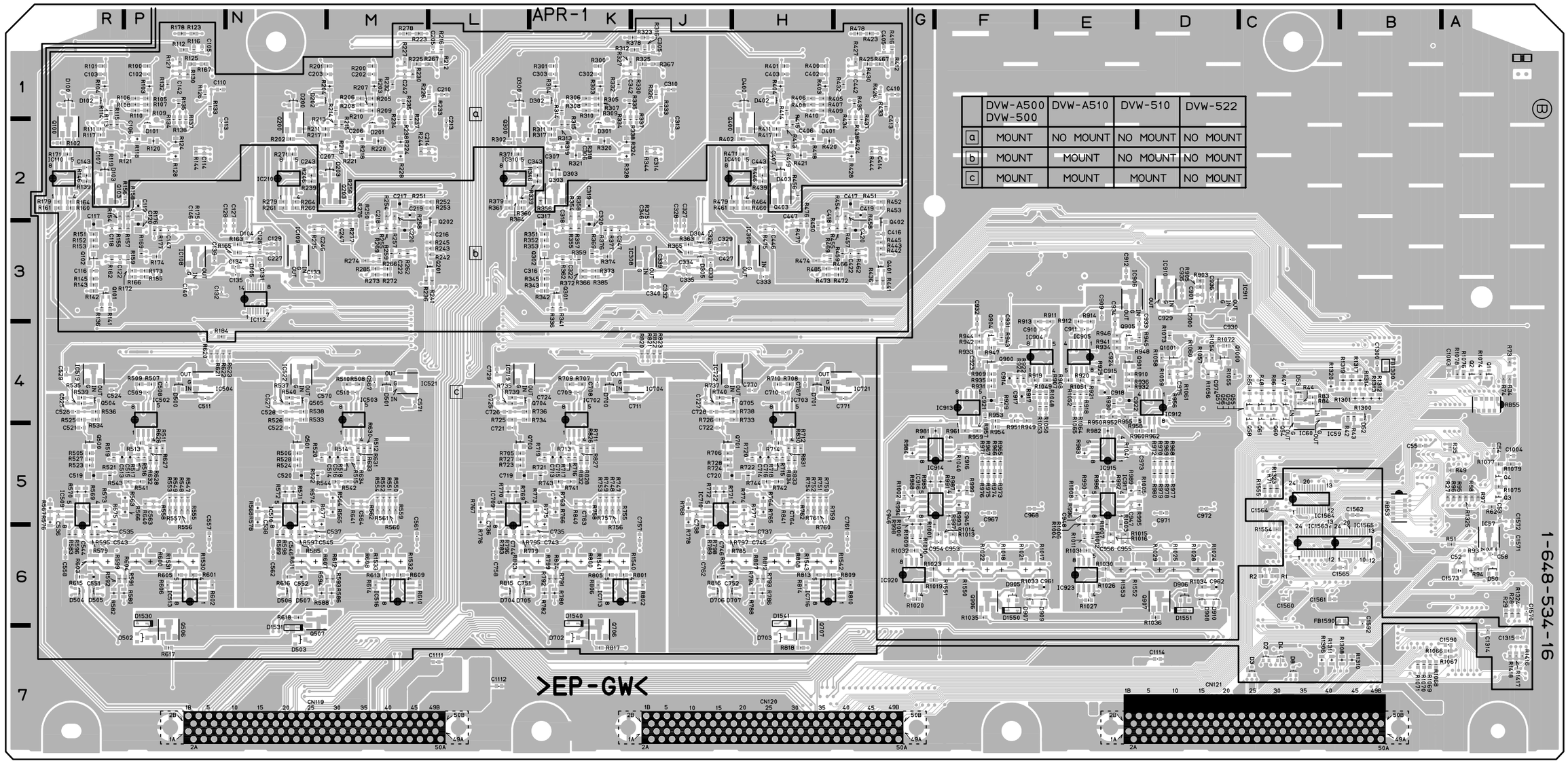
CN119	N7	IC53	B5	IC904	*F4	RB54	A6	TP701	H5
CN120	H7	IC54	A4	IC905	*E4	RB55	*A4	TP900	F4
CN121	C7	IC56	C6	IC906	*E3	RB1590	B6	TP901	D4
		IC57	*A6	IC907	D4	RB1591	A6	TP902	D3
D1	C7	IC58	A5	IC908	F4			TP1300	B7
D2	*C7	IC59	*C4	IC909	E4	RV100	R1	TP1301	B7
D3	*C7	IC60	*C4	IC910	*D3	RV101	P1	TP1302	C4
D4	*C7	IC100	R2	IC911	*D3	RV102	P1		
D5	C7	IC101	P1	IC912	*D4	RV103	P3	X50	A6
D6	C7	IC102	P2	IC913	*F4	RV200	M1		
D7	C7	IC103	P2	IC914	*F5	RV201	M1	*:B SIDE	
D8	*C7	IC105	R3	IC915	*E5	RV202	M1		
D50	*A6	IC106	R3	IC916	*F5	RV203	M3		
D51	B1	IC107	N3	IC917	*E5	RV300	K1		
D52	*B4	IC108	*P3	IC918	F6	RV301	J1		
D53	*C4	IC109	*N3	IC919	F6	RV302	J1		
D100	*R1	IC110	*R2	IC920	*G6	RV303	J3		
D101	*P2	IC112	*N3	IC921	D6	RV400	H1		
D102	*R1	IC117	P3	IC922	D6	RV401	G1		
D103	*R2	IC200	M2	IC923	*E6	RV402	G1		
D104	*N3	IC201	M1	IC1300	B7	RV403	H3		
D105	*N3	IC202	M2	IC1301	B7	RV500	P5		
D200	*N1	IC203	M2	IC1304	B4	RV501	M5		
D201	*M2	IC205	M3	IC1306	A7	RV700	K5		
D202	*N1	IC206	M3	IC1307	A7	RV701	H5		
D203	*M2	IC210	*N2	IC1530	P6	RV900	D4		
D204	N2	IC217	N3	IC1531	M6	RV901	F5		
D205	N2	IC300	K2	IC1540	K6	RV902	D5		
D300	*L1	IC301	J1	IC1541	H6	RV903	D4		
D301	*K2	IC302	K2	IC1550	F6				
D302	*K1	IC303	J2	IC1551	E6	RY100	R1		
D303	*K2	IC305	K3	IC1560	C6	RY101	R2		
D304	*J3	IC306	K3	IC1561	C6	RY200	N1		
D305	*J3	IC307	J3	IC1562	C5	RY201	N2		
D400	*H1	IC308	*J3	IC1563	*C6	RY300	L1		
D401	*H2	IC309	*H3	IC1564	*C5	RY301	L2		
D402	*H1	IC310	*L2	IC1565	*C6	RY400	H1		
D403	*H2	IC317	K3	IC1570	A6	RY401	H2		
D404	J2	IC400	H2			RY502	P7		
D405	J2	IC401	G1	PS1100	B7	RY503	N7		
D500	*P4	IC402	G2			RY702	K7		
D501	*M4	IC403	G2	Q1	*A4	RY703	H7		
D502	*P7	IC405	H3	Q2	*A4	RY902	F6		
D503	*N7	IC406	H3	Q3	*A5	RY903	D6		
D504	*R6	IC410	*H2	Q4	*A5				
D505	*R6	IC417	H3	Q54	*C4	S1510	R1		
D506	*N6	IC500	P4	Q55	*C4	S1511	P3		
D507	*N6	IC501	R4	Q56	*C4	S1512	M1		
D700	*K4	IC502	*P5	Q57	*C4	S1513	M3		
D701	*H4	IC503	*M5	Q58	*C4	S1520	K1		
D702	*K7	IC504	*P4	Q59	*C4	S1521	K3		
D703	*H7	IC505	R5	Q60	*C4	S1522	H1		
D704	*L6	IC506	M5	Q61	*C4	S1523	H3		
D705	*L6	IC507	P5	Q100	*R2	S1530	P5		
D706	*J6	IC508	M5	Q101	*R3	S1531	P5		
D707	*H6	IC509	*R5	Q102	*R3	S1532	M5		
D900	*D3	IC510	*N5	Q103	*R2	S1533	M5		
D905	*F6	IC511	R6	Q200	*N2	S1540	K5		
D906	*D6	IC512	P6	Q201	*L3	S1541	K5		
D907	*F6	IC513	*P6	Q202	*L3	S1542	H5		
D908	*D6	IC514	N6	Q203	*M2	S1543	H5		
D909	*E6	IC515	M6	Q300	*L2	S1550	E4		
D910	*D6	IC516	*M6	Q301	*K3	S1551	F4		
D1530	*P6	IC519	*R4	Q302	*K3	S1552	F5		
D1531	*N7	IC520	M4	Q303	*K2	S1553	E4		
D1540	*K6	IC521	*M4	Q400	*H2	S1554	D4		
D1541	*H6	IC522	*N4	Q401	*G3	S1555	D5		
D1550	*F6	IC700	J4	Q402	*G3				
D1551	*D6	IC701	K4	Q403	*H2	SL105	R2		
		IC702	*K5	Q500	*R5	SL205	M2		
E1	C6	IC703	*H5	Q501	*N5	SL305	K2		
E2	B5	IC704	*J4	Q504	*R4	SL405	H2		
E50	A5	IC705	K5	Q505	*N4				
E100	N1	IC706	H5	Q506	*P7	THP100	P1		
E200	L1	IC707	K5	Q507	*N6	THP200	L1		
E300	J1	IC708	H5	Q700	*L5	THP300	J1		
E400	G1	IC709	*L5	Q701	*J5	THP400	G1		
E500	R5	IC710	*H5	Q704	*L4				
E501	N5	IC711	L6	Q705	*H4	TP5	B6		
E700	L5	IC712	K6	Q706	*K7	TP6	B6		
E701	J5	IC713	*J6	Q707	*H7	TP51	A4		
E900	F5	IC714	J6	Q900	*F4	TP100	R2		
E901	D5	IC715	H6	Q901	*E4	TP101	P2		
		IC716	*G6	Q904	*F4	TP200	M3		
FB1300	*B4	IC719	*L4	Q905	*E4	TP201	M2		
FB1590	*B6	IC720	H4	Q906	*F6	TP300	K2		
		IC721	*G4	Q907	*D6	TP301	K2		
IC2	C5	IC722	*H4	Q1000	*D4	TP400	H3		
IC4	C7	IC900	F3	Q1001	*D4	TP401	H2		
IC5	C7	IC901	D3			TP500	P5		
IC51	A6	IC902	E4	RB51	B6	TP501	M5		
IC52	A5	IC903	D4	RB53	*B5	TP700	K5		



APR-1 BOARD -A SIDE-

1-648-534-16 (LOT No. 910 -)

DVW-A500(J)	; APR-1	MCB
DVW-A500(UC)	; APR-1	MCB
DVW-A500P(EK)	; APR-1	MCB
DVW-A500P(UC)	; APR-1	MCB
DVW-500(J)	; APR-1	MCB
DVW-500(UC)	; APR-1	MCB
DVW-500P(EK)	; APR-1	MCB
DVW-500P(UC)	; APR-1	MCB
DVW-A510(J)	; APR-1BA	MCB
DVW-A510(UC)	; APR-1BA	MCB
DVW-A510P(EK)	; APR-1BA	MCB
DVW-510(J)	; APR-1B	MCB
DVW-510(UC)	; APR-1B	MCB
DVW-510P(EK)	; APR-1B	MCB
DVW-CA510(J)	; APR-1B	MCB
DVW-CA510(UC)	; APR-1B	MCB
DVW-CA510P(EK)	; APR-1B	MCB


APR-1
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1-648-534-16
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CN161

APR-1 ; Audio signal processor, A/D, D/A, AES/EBU interface

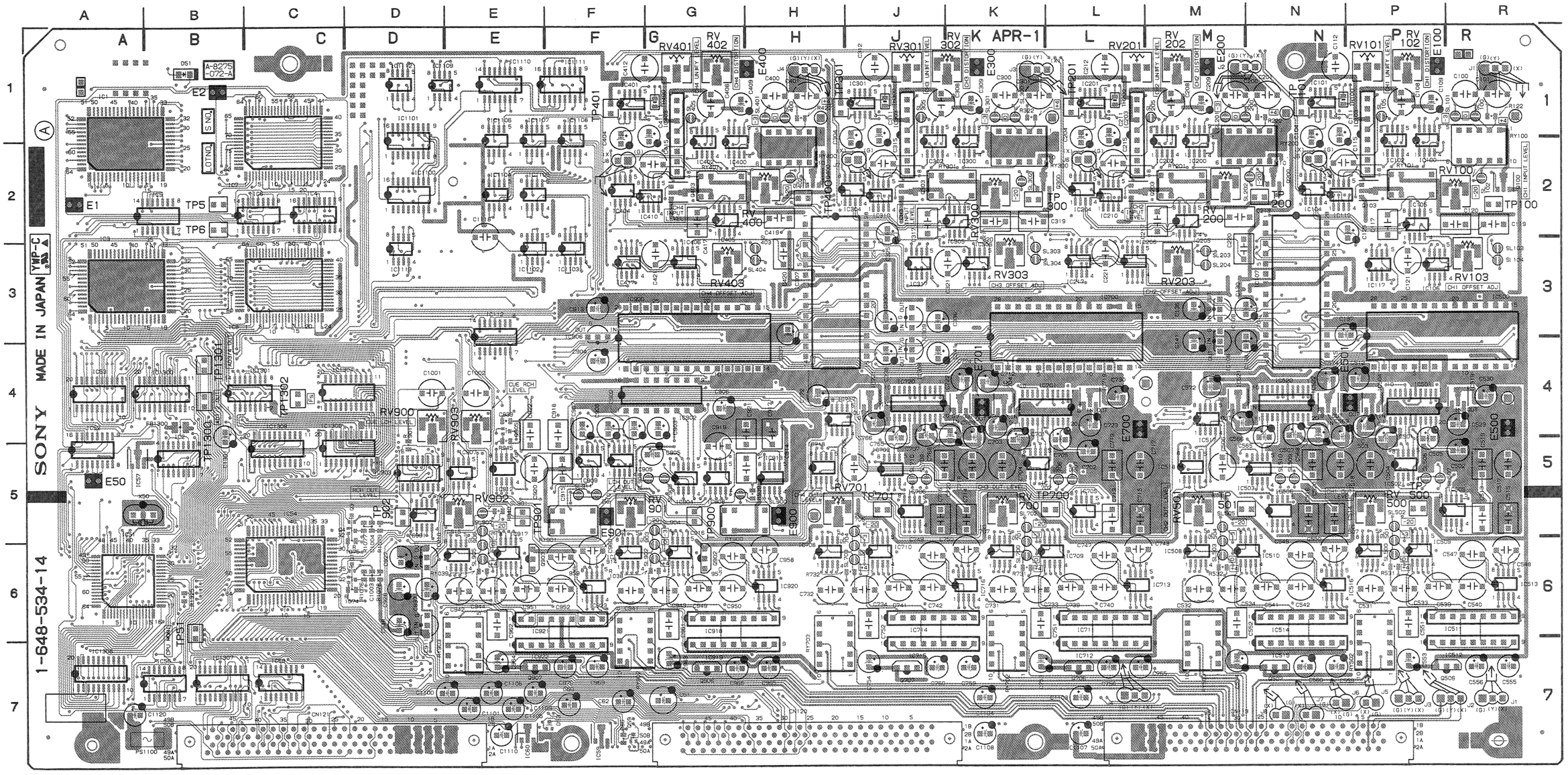
(Board's Lot No. 501 through 909)
All recorder models

APR-1(1-648-534-14)

CN119	N-7	E1	A-2	IC500	R-3	IC1106	E-2	R531	P-6	SL404	H-3
CN120	H-7	E2	B-1	IC501	P-4	IC1107	E-2	R532	M-6	SL405	G-1
CN121	C-7	E50	A-5	IC502	P-5	IC1108	F-2	R731	K-6	SL500	P-6
		E100	P-1	IC503	N-5	IC1109	D-1	R732	J-6	SL501	P-6
✱D1	D-2	E200	M-1	IC504	P-4	IC1110	E-1	R1038	G-6	SL502	P-5
✱D2	C-2	E300	K-1	IC505	R-5	IC1111	F-1	R1039	E-6	SL503	M-6
✱D3	C-2	E400	H-1	IC506	N-5	IC1112	D-1			SL504	M-6
✱D4	C-2	E500	R-4	IC507	P-6	IC1113	D-3	✱RB51	A-6	SL505	M-5
✱D5	C-2	E501	P-4	IC508	M-6	IC1300	A-4	✱RB53	A-4	SL506	P-5
✱D6	C-2	E700	L-4	IC509	P-6	IC1301	B-4	✱RB54	A-5	SL507	P-5
✱D7	C-2	E701	K-4	IC510	N-6	IC1304	C-4	✱RB55	C-6	SL509	N-5
✱D8	D-2	E900	H-5	IC511	P-6	IC1306	A-7			SL510	N-5
✱D50	A-5	E901	F-5	IC512	P-7	IC1307	B-7	RV100	R-2	SL700	K-6
D51	B-1			IC513	R-6	IC1308	C-5	RV101	P-1	SL701	K-6
✱D52	F-7	FB1300	B-4	IC514	N-6	IC1309	C-5	RV102	P-1	SL702	K-5
D53	F-7			IC515	N-7			RV103	R-3	SL703	J-6
✱D100	R-2	IC1	A-1	IC516	N-6	PS1100	A-7	RV200	M-2	SL704	J-6
✱D101	P-1	IC2	B-5	IC517	M-4			RV201	L-1	SL705	J-5
✱D102	P-2	IC3	A-3	IC518	M-5	Q1	D-6	RV202	M-1	SL706	L-5
✱D103	P-2	IC4	C-2	IC519	R-4	Q2	D-6	RV203	M-3	SL707	L-5
✱D104	P-3	IC5	B-2	IC520	N-4	Q3	D-5	RV300	K-2	SL709	J-5
✱D105	P-3	IC6	C-2	IC521	M-4	Q4	D-5	RV301	J-1	SL710	J-5
✱D200	N-2	IC7	C-2	IC522	N-4	✱Q54	F-7	RV302	K-1	SL900	G-5
✱D201	M-1	IC8	C-3	IC700	L-3	✱Q55	F-7	RV303	K-3	SL901	E-5
✱D202	M-2	IC51	A-6	IC701	K-4	✱Q56	G-7	RV400	H-2	SL902	G-6
✱D203	M-2	IC52	A-5	IC702	K-5	✱Q57	F-7	RV401	G-1	SL903	G-6
✱D204	M-3	IC53	A-4	IC703	J-5	✱Q58	F-7	RV402	G-1	SL904	G-5
✱D205	M-3	IC54	C-6	IC704	K-4	Q59	F-7	RV403	G-3	SL905	E-6
✱D300	K-2	IC56	B-7	IC705	L-5	✱Q60	G-7	RV500	P-5	SL906	E-6
✱D301	K-1	IC57	A-5	IC706	J-5	✱Q61	F-7	RV501	M-5	SL907	E-5
✱D302	K-2	IC58	C-7	IC707	K-6	Q100	R-2	RV700	K-5	SL908	F-5
✱D303	K-2	IC59	F-7	IC708	H-6	✱Q101	N-2	RV701	H-5	SL909	G-5
✱D304	J-3	IC60	E-7	IC709	L-6	✱Q102	P-2	RV900	D-4	SL910	F-5
✱D305	J-3	IC100	P-2	IC710	J-6	Q103	P-2	RV901	F-5	SL911	F-5
✱D400	H-2	IC101	N-1	IC711	L-6	Q200	N-2	RV902	E-5		
✱D401	H-1	IC102	P-2	IC712	L-7	✱Q201	L-2	RV903	E-4	TH100	N-1
✱D402	H-2	IC103	P-1	IC713	L-6	✱Q202	L-2			TH200	L-1
✱D403	G-2	IC104	N-2	IC714	J-6	Q203	L-2	RY100	R-2	TH300	J-1
✱D404	H-3	IC105	P-2	IC715	J-7	Q300	K-2	RY101	P-2	TH400	G-1
✱D405	H-3	IC106	P-3	IC716	K-6	✱Q301	J-2	RY200	N-2		
✱D500	P-4	IC107	N-3	IC717	H-4	✱Q302	J-2	RY201	M-2	TP5	B-2
✱D501	M-4	IC108	M-4	IC718	H-5	Q303	J-2	RY300	K-2	TP6	B-2
✱D502	P-7	IC109	M-3	IC719	L-4	Q400	H-2	RY301	J-2	TP51	B-6
✱D503	N-7	IC110	N-2	IC720	J-4	✱Q401	F-2	RY400	H-2	TP100	R-2
✱D504	P-6	IC112	E-3	IC721	J-4	✱Q402	G-2	RY401	G-2	TP101	N-1
✱D505	M-6	IC117	P-3	IC722	K-4	Q403	G-2	RY502	P-7	TP200	N-2
✱D506	P-6	IC200	M-2	IC900	F-3	✱Q500	R-5	RY503	M-7	TP201	L-1
✱D507	M-6	IC201	L-1	IC901	D-5	✱Q501	N-5	RY702	K-7	TP300	K-2
✱D700	K-4	IC202	M-2	IC902	G-4	✱Q504	R-4	RY703	H-7	TP301	H-1
✱D701	J-4	IC203	L-1	IC903	D-5	✱Q505	M-5	RY900	G-5	TP400	H-2
✱D702	L-7	IC204	L-2	IC904	G-5	Q506	P-7	RY901	F-5	TP401	F-1
✱D703	J-7	IC205	M-2	IC905	F-5	Q507	N-7	RY902	F-7	TP500	P-5
✱D704	K-6	IC206	L-3	IC906	F-3	✱Q700	L-5	RY903	E-7	TP501	M-5
✱D705	H-6	IC210	L-2	IC907	E-5	✱Q701	J-5			TP700	L-5
✱D706	K-6	IC217	L-3	IC908	G-5	✱Q704	L-4	SL100	R-1	TP701	J-5
✱D707	H-6	IC300	K-2	IC909	F-5	✱Q705	H-5	SL101	R-1	TP900	G-5
✱D900	D-5	IC301	J-1	IC910	D-6	Q706	L-7	SL102	R-2	TP901	E-5
✱D903	G-6	IC302	J-2	IC911	D-6	Q707	J-7	SL103	R-3	TP902	D-5
✱D904	F-6	IC303	J-1	IC912	E-5	✱Q900	G-4	SL104	R-3	TP1300	B-4
✱D905	G-7	IC304	J-2	IC913	H-5	✱Q901	E-4	SL105	P-1	TP1301	B-4
✱D906	E-7	IC305	K-2	IC914	F-6	Q902	G-6	SL200	M-1	TP1302	C-4
✱D907	F-6	IC306	K-3	IC915	E-6	Q903	E-6	SL201	M-1		
✱D908	E-6	IC307	H-3	IC916	G-6	✱Q904	G-4	SL202	N-2	X50	A-5
✱D909	F-6	IC308	J-4	IC917	E-6	Q905	E-4	SL203	M-3		
✱D910	E-6	IC309	J-3	IC918	G-6	Q906	G-7	SL204	M-3		
✱D1100	E-2	IC310	J-2	IC919	G-7	Q907	E-7	SL205	M-1		
✱D1101	E-1	IC317	J-3	IC920	H-6	✱Q1000	D-4	SL300	K-1		
✱D1102	E-2	IC400	G-2	IC921	E-6	✱Q1001	E-4	SL301	K-1		
✱D1103	E-2	IC401	F-1	IC922	E-7	✱Q1100	D-2	SL302	K-2		
✱D1104	E-2	IC402	G-2	IC923	F-6	✱Q1101	D-3	SL303	K-3		
✱D1105	E-1	IC403	G-1	IC1100	D-2	✱Q1103	D-2	SL304	K-3		
✱D1106	E-2	IC404	F-2	IC1101	D-2			SL305	J-1		
✱D1107	E-2	IC405	G-2	IC1102	E-3	R122	R-1	SL400	H-1		
✱D1108	F-1	IC406	G-3	IC1103	F-3	R222	N-1	SL401	H-1		
✱D1109	F-2	IC410	F-2	IC1104	E-2	R322	K-1	SL402	H-2		
		IC417	F-3	IC1105	E-2	R422	H-1	SL403	H-3		

✱ : B SIDE

LOT NO. B-2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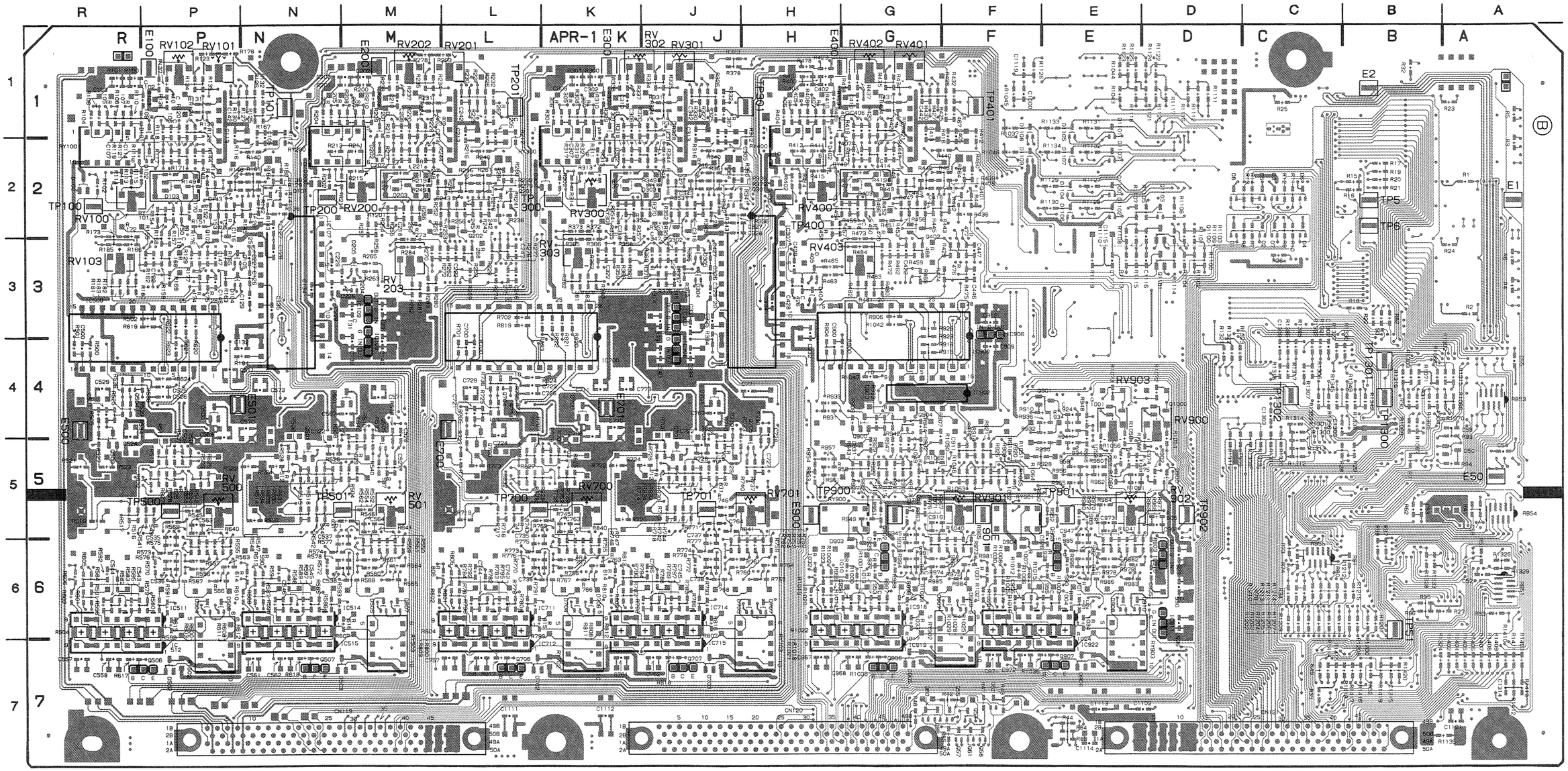


APR-1 BOARD -B SIDE-

1-648-534-14 (LOT No. 501 - 909)

DVW-A500(J)	; APR-1	MCB
DVW-A500(UC)	; APR-1	MCB
DVW-A500P(EK)	; APR-1P	MCB
DVW-A500P(UC)	; APR-1PG	MCB
DVW-500(J)	; APR-1	MCB
DVW-500(UC)	; APR-1	MCB
DVW-500P(EK)	; APR-1P	MCB
DVW-500P(UC)	; APR-1PG	MCB

APR-1 ; Audio signal processor, A/D, D/A, AES/EBU interface

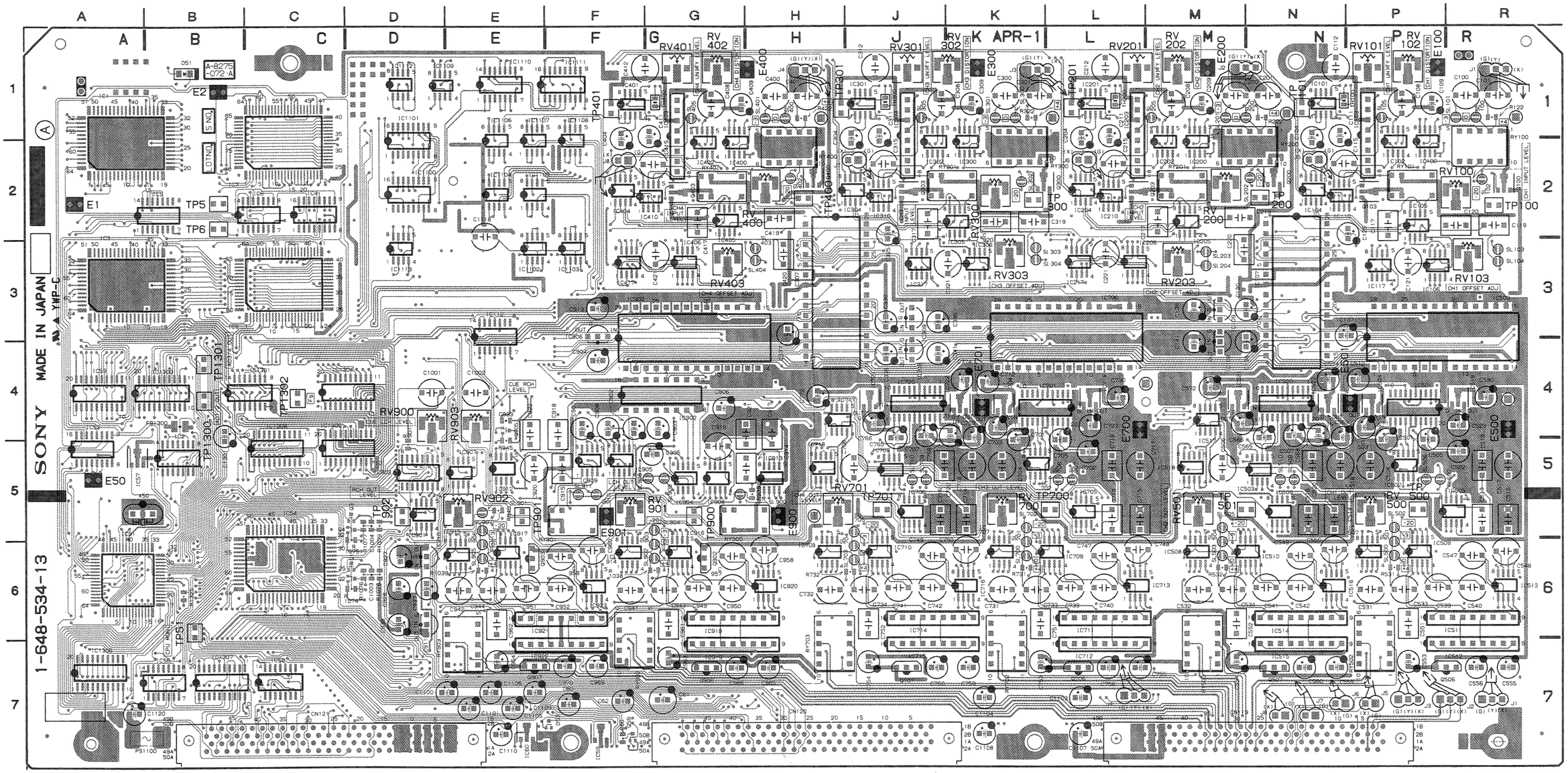
(Board's Lot No. 403 through 412)
All recorder models

APR-1(1-648-534-13)

CN119	N-7	E1	A-2	IC500	R-3	IC1106	E-2	R531	P-6	SL404	H-3
CN120	H-7	E2	B-1	IC501	P-4	IC1107	E-2	R532	M-6	SL405	G-1
CN121	C-7	E50	A-5	IC502	P-5	IC1108	F-2	R731	K-6	SL500	P-6
		E100	P-1	IC503	N-5	IC1109	D-1	R732	J-6	SL501	P-6
✱D1	D-2	E200	M-1	IC504	P-4	IC1110	E-1	R1038	G-6	SL502	P-5
✱D2	C-2	E300	K-1	IC505	R-5	IC1111	F-1	R1039	E-6	SL503	M-6
✱D3	C-2	E400	H-1	IC506	N-5	IC1112	D-1			SL504	M-6
✱D4	C-2	E500	R-4	IC507	P-6	IC1113	D-3	✱RB51	A-6	SL505	M-5
✱D5	C-2	E501	P-4	IC508	M-6	IC1300	A-4	✱RB53	A-4	SL506	P-5
✱D6	C-2	E700	L-4	IC509	P-6	IC1301	B-4	✱RB54	A-5	SL507	P-5
✱D7	C-2	E701	K-4	IC510	N-6	IC1304	C-4	✱RB55	C-6	SL509	N-5
✱D8	D-2	E900	H-5	IC511	P-6	IC1306	A-7			SL510	N-5
✱D50	A-5	E901	F-5	IC512	P-7	IC1307	B-7	RV100	R-2	SL700	K-6
D51	B-1			IC513	R-6	IC1308	C-5	RV101	P-1	SL701	K-6
✱D52	F-7	FB1300	B-4	IC514	N-6	IC1309	C-5	RV102	P-1	SL702	K-5
D53	F-7			IC515	N-7			RV103	R-3	SL703	J-6
✱D100	R-2	IC1	A-1	IC516	N-6	PS1100	A-7	RV200	M-2	SL704	J-6
✱D101	P-1	IC2	B-5	IC517	M-4			RV201	L-1	SL705	J-5
✱D102	P-2	IC3	A-3	IC518	M-5	Q1	D-6	RV202	M-1	SL706	L-5
✱D103	P-2	IC4	C-2	IC519	R-4	Q2	D-6	RV203	M-3	SL707	L-5
✱D104	P-3	IC5	B-2	IC520	N-4	Q3	D-5	RV300	K-2	SL709	J-5
✱D105	P-3	IC6	C-2	IC521	M-4	Q4	D-5	RV301	J-1	SL710	J-5
✱D200	N-2	IC7	C-2	IC522	N-4	✱Q54	F-7	RV302	K-1	SL900	G-5
✱D201	M-1	IC8	C-3	IC700	L-3	✱Q55	F-7	RV303	K-3	SL901	E-5
✱D202	M-2	IC51	A-6	IC701	K-4	✱Q56	G-7	RV400	H-2	SL902	G-6
✱D203	M-2	IC52	A-5	IC702	K-5	✱Q57	F-7	RV401	G-1	SL903	G-6
✱D204	M-3	IC53	A-4	IC703	J-5	✱Q58	F-7	RV402	G-1	SL904	G-5
✱D205	M-3	IC54	C-6	IC704	K-4	Q59	F-7	RV403	G-3	SL905	E-6
✱D300	K-2	IC56	B-7	IC705	L-5	✱Q60	G-7	RV500	P-5	SL906	E-6
✱D301	K-1	IC57	A-5	IC706	J-5	✱Q61	F-7	RV501	M-5	SL907	E-5
✱D302	K-2	IC58	C-7	IC707	K-6	Q100	R-2	RV700	K-5	SL908	F-5
✱D303	K-2	IC59	F-7	IC708	H-6	✱Q101	N-2	RV701	H-5	SL909	G-5
✱D304	J-3	IC60	E-7	IC709	L-6	✱Q102	P-2	RV900	D-4	SL910	F-5
✱D305	J-3	IC100	P-2	IC710	J-6	Q103	P-2	RV901	F-5	SL911	F-5
✱D400	H-2	IC101	N-1	IC711	L-6	Q200	N-2	RV902	E-5		
✱D401	H-1	IC102	P-2	IC712	L-7	✱Q201	L-2	RV903	E-4	TH100	N-1
✱D402	H-2	IC103	P-1	IC713	L-6	✱Q202	L-2			TH200	L-1
✱D403	G-2	IC104	N-2	IC714	J-6	Q203	L-2	RY100	R-2	TH300	J-1
✱D404	H-3	IC105	P-2	IC715	J-7	Q300	K-2	RY101	P-2	TH400	G-1
✱D405	H-3	IC106	P-3	IC716	K-6	✱Q301	J-2	RY200	N-2		
✱D500	P-4	IC107	N-3	IC717	H-4	✱Q302	J-2	RY201	M-2	TP5	B-2
✱D501	M-4	IC108	M-4	IC718	H-5	Q303	J-2	RY300	K-2	TP6	B-2
✱D502	P-7	IC109	M-3	IC719	L-4	Q400	H-2	RY301	J-2	TP51	B-6
✱D503	N-7	IC110	N-2	IC720	J-4	✱Q401	F-2	RY400	H-2	TP100	R-2
✱D504	P-6	IC112	E-3	IC721	J-4	✱Q402	G-2	RY401	G-2	TP101	N-1
✱D505	M-6	IC117	P-3	IC722	K-4	Q403	G-2	RY502	P-7	TP200	N-2
✱D506	P-6	IC200	M-2	IC900	F-3	✱Q500	R-5	RY503	M-7	TP201	L-1
✱D507	M-6	IC201	L-1	IC901	D-5	✱Q501	N-5	RY702	K-7	TP300	K-2
✱D700	K-4	IC202	M-2	IC902	G-4	✱Q504	R-4	RY703	H-7	TP301	H-1
✱D701	J-4	IC203	L-1	IC903	D-5	✱Q505	M-5	RY900	G-5	TP400	H-2
✱D702	L-7	IC204	L-2	IC904	G-5	Q506	P-7	RY901	F-5	TP401	F-1
✱D703	J-7	IC205	M-2	IC905	F-5	Q507	N-7	RY902	F-7	TP500	P-5
✱D704	K-6	IC206	L-3	IC906	F-3	✱Q700	L-5	RY903	E-7	TP501	M-5
✱D705	H-6	IC210	L-2	IC907	E-5	✱Q701	J-5			TP700	L-5
✱D706	K-6	IC217	L-3	IC908	G-5	✱Q704	L-4	SL100	R-1	TP701	J-5
✱D707	H-6	IC300	K-2	IC909	F-5	✱Q705	H-5	SL101	R-1	TP900	G-5
✱D900	D-5	IC301	J-1	IC910	D-6	Q706	L-7	SL102	R-2	TP901	E-5
✱D903	G-6	IC302	J-2	IC911	D-6	Q707	J-7	SL103	R-3	TP902	D-5
✱D904	F-6	IC303	J-1	IC912	E-5	✱Q900	G-4	SL104	R-3	TP1300	B-4
✱D905	G-7	IC304	J-2	IC913	H-5	✱Q901	E-4	SL105	P-1	TP1301	B-4
✱D906	E-7	IC305	K-2	IC914	F-6	Q902	G-6	SL200	M-1	TP1302	C-4
✱D907	F-6	IC306	K-3	IC915	E-6	Q903	E-6	SL201	M-1		
✱D908	E-6	IC307	H-3	IC916	G-6	✱Q904	G-4	SL202	N-2	X50	A-5
✱D909	F-6	IC308	J-4	IC917	E-6	Q905	E-4	SL203	M-3		
✱D910	E-6	IC309	J-3	IC918	G-6	Q906	G-7	SL204	M-3		
✱D1100	E-2	IC310	J-2	IC919	G-7	Q907	E-7	SL205	M-1		
✱D1101	E-1	IC317	J-3	IC920	H-6	✱Q1000	D-4	SL300	K-1		
✱D1102	E-2	IC400	G-2	IC921	E-6	✱Q1001	E-4	SL301	K-1		
✱D1103	E-2	IC401	F-1	IC922	E-7	✱Q1100	D-2	SL302	K-2		
✱D1104	E-2	IC402	G-2	IC923	F-6	✱Q1101	D-3	SL303	K-3		
✱D1105	E-1	IC403	G-1	IC1100	D-2	✱Q1103	D-2	SL304	K-3		
✱D1106	E-2	IC404	F-2	IC1101	D-2			SL305	J-1		
✱D1107	E-2	IC405	G-2	IC1102	E-3	R122	R-1	SL400	H-1		
✱D1108	F-1	IC406	G-3	IC1103	F-3	R222	N-1	SL401	H-1		
✱D1109	F-2	IC410	F-2	IC1104	E-2	R322	K-1	SL402	H-2		
		IC417	F-3	IC1105	E-2	R422	H-1	SL403	H-3		

✱ : B SIDE

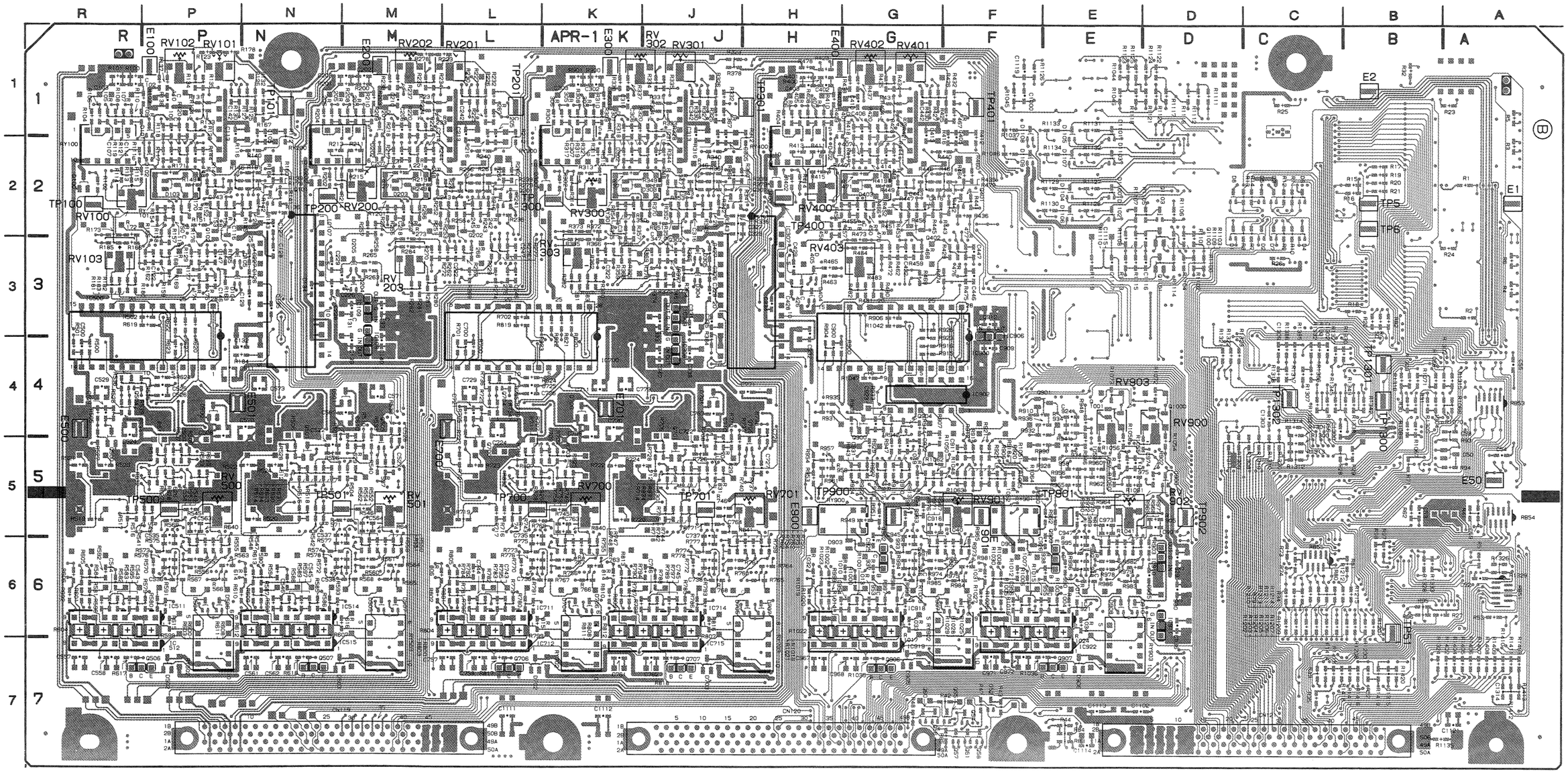
LOT NO. B-2



APR-1 BOARD -A SIDE-

1-648-534-13 (LOT No. 403 - 412)

DVW-A500(J)	; APR-1	MCB
DVW-A500(UC)	; APR-1	MCB
DVW-A500P(EK)	; APR-1P	MCB
DVW-A500P(UC)	; APR-1PG	MCB
DVW-500(J)	; APR-1	MCB
DVW-500(UC)	; APR-1	MCB
DVW-500P(EK)	; APR-1P	MCB
DVW-500P(UC)	; APR-1PG	MCB



APR-1 BOARD -B SIDE-

1-648-534-13 (LOT No. 403 - 412)

DVW-A500(J)	; APR-1	MCB
DVW-A500(UC)	; APR-1	MCB
DVW-A500P(EK)	; APR-1P	MCB
DVW-A500P(UC)	; APR-1PG	MCB
DVW-500(J)	; APR-1	MCB
DVW-500(UC)	; APR-1	MCB
DVW-500P(EK)	; APR-1P	MCB
DVW-500P(UC)	; APR-1PG	MCB

APR-1 ; Audio signal processor, A/D, D/A, AES/EBU interface

(Board's Lot No. 306 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

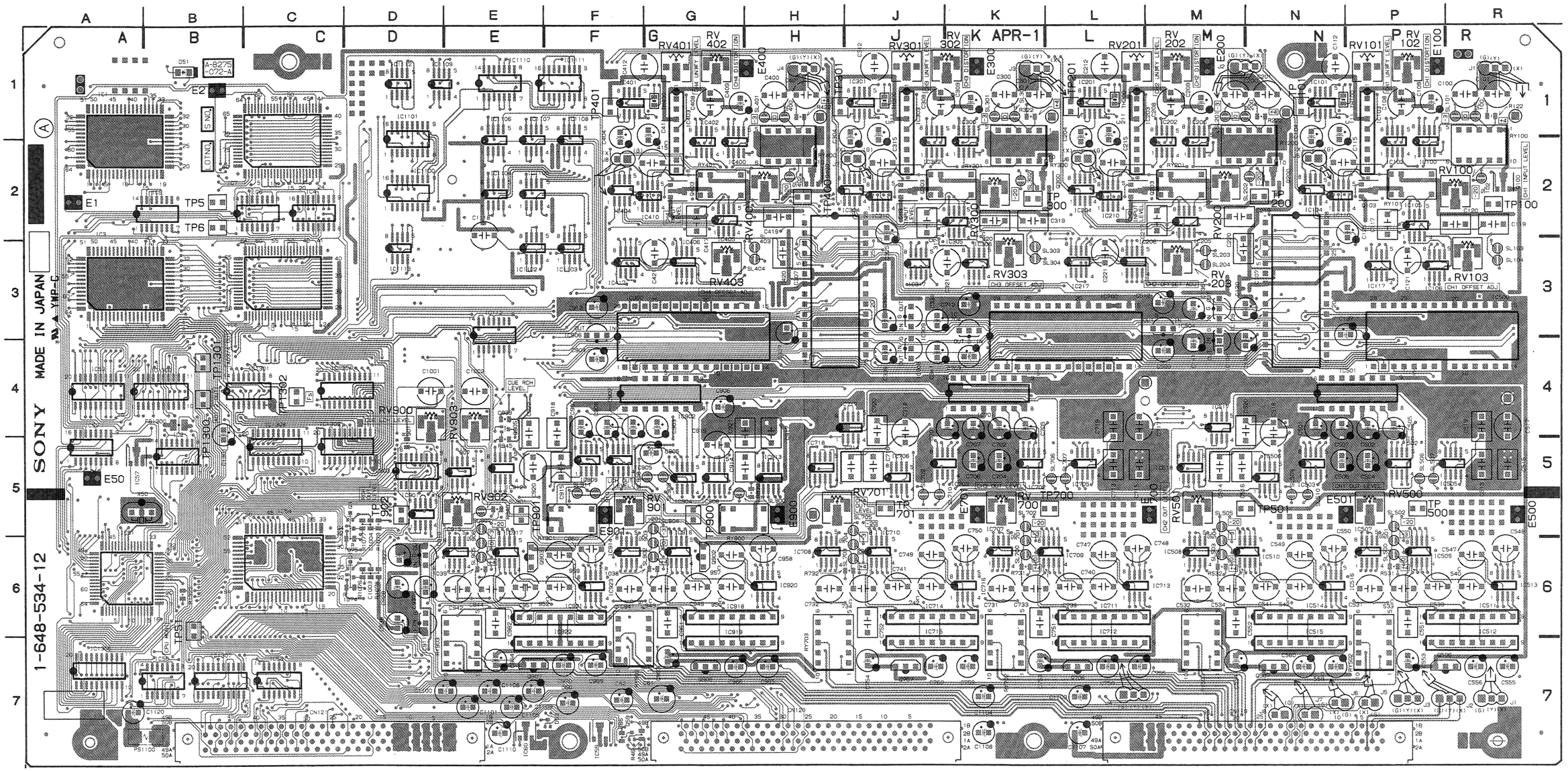
APR-1(1-648-534-12)

CN119	N-7	E200	M-1	IC504	M-3	IC1307	B-7	RV100	R-2	SL704	J-6
CN120	H-7	E300	K-1	IC505	R-5	IC1308	C-5	RV101	P-1	SL705	J-5
CN121	C-7	E400	H-1	IC506	N-5	IC1309	C-5	RV102	P-1	SL706	L-5
		E500	R-5	IC507	P-6			RV103	R-3	SL707	L-5
✱D1	D-2	E501	P-5	IC508	M-6	PS1100	A-7	RV200	M-2	SL709	J-5
✱D2	C-2	E700	M-5	IC509	P-6			RV201	L-1	SL710	J-5
✱D3	C-2	E701	K-5	IC510	N-6	Q1	D-6	RV202	M-1	SL900	G-5
✱D4	C-2	E900	H-5	IC511	P-6	Q2	D-6	RV203	M-3	SL901	E-5
✱D5	C-2	E901	F-5	IC512	P-7	Q3	D-5	RV300	K-2	SL902	G-6
✱D6	C-2			IC513	R-6	Q4	D-5	RV301	J-1	SL903	G-6
✱D7	C-2	FB1300	B-4	IC514	N-6	✱Q54	F-7	RV302	K-1	SL904	G-5
✱D8	D-2			IC515	N-7	✱Q55	F-7	RV303	K-3	SL905	E-6
✱D50	A-5	IC1	A-1	IC516	N-6	✱Q56	G-7	RV400	H-2	SL906	E-6
D51	B-1	IC2	B-5	IC517	M-4	✱Q57	F-7	RV401	G-1	SL907	E-5
✱D52	F-7	IC3	A-3	IC518	M-5	✱Q58	F-7	RV402	G-1	SL908	F-5
D53	F-7	IC4	C-2	IC700	L-3	Q59	F-7	RV403	G-3	SL909	G-5
✱D100	R-2	IC5	B-2	IC701	K-4	✱Q60	G-7	RV500	P-5	SL910	F-5
✱D101	P-1	IC6	C-2	IC702	K-5	✱Q61	F-7	RV501	M-5	SL911	F-5
✱D102	P-2	IC7	C-2	IC703	J-5	Q100	R-2	RV700	K-5		
✱D103	P-2	IC8	C-3	IC704	K-3	✱Q101	N-2	RV701	H-5	TH100	N-1
✱D104	P-3	IC51	A-6	IC705	L-5	✱Q102	P-2	RV900	D-4	TH200	L-1
✱D105	P-3	IC52	A-5	IC706	J-5	Q103	P-2	RV901	F-5	TH300	J-1
✱D200	N-2	IC53	A-4	IC707	K-6	Q200	N-2	RV902	E-5	TH400	G-1
✱D201	M-1	IC54	C-6	IC708	H-6	✱Q201	L-2	RV903	E-4		
✱D202	M-2	IC56	B-7	IC709	K-6	✱Q202	L-2			TP5	B-2
✱D203	M-2	IC57	A-5	IC710	J-6	Q203	L-2	RY100	R-2	TP6	B-2
✱D204	M-3	IC58	C-7	IC711	L-6	Q300	K-2	RY101	P-2	TP51	B-6
✱D205	M-3	IC59	F-7	IC712	L-7	✱Q301	J-2	RY200	N-2	TP100	R-2
✱D300	K-2	IC60	E-7	IC713	L-6	✱Q302	J-2	RY201	M-2	TP101	N-1
✱D301	K-1	IC100	P-2	IC714	J-6	Q303	J-2	RY300	K-2	TP200	N-2
✱D302	K-2	IC101	N-1	IC715	J-7	Q400	H-2	RY301	J-2	TP201	L-1
✱D303	K-2	IC102	P-2	IC716	K-6	✱Q401	F-2	RY400	H-2	TP300	K-2
✱D304	J-3	IC103	P-1	IC717	H-4	✱Q402	G-2	RY401	G-2	TP301	H-1
✱D305	J-3	IC104	N-2	IC718	H-5	Q403	G-2	RY502	P-7	TP400	H-2
✱D400	H-2	IC105	P-2	IC900	F-3	✱Q500	R-4	RY503	M-7	TP401	F-1
✱D401	H-1	IC106	P-3	IC901	D-5	✱Q501	M-5	RY702	K-7	TP500	P-5
✱D402	H-2	IC107	N-3	IC902	G-4	✱Q504	P-4	RY703	H-7	TP501	N-5
✱D403	G-2	IC108	M-4	IC903	D-5	✱Q505	M-5	RY900	G-5	TP700	L-5
✱D404	H-3	IC109	M-3	IC904	G-5	Q506	P-7	RY901	F-5	TP701	J-5
✱D405	H-3	IC110	N-2	IC905	F-5	Q507	N-7	RY902	F-7	TP900	G-5
✱D502	P-7	IC112	E-3	IC906	F-3	✱Q700	L-4	RY903	E-7	TP901	E-5
✱D503	N-7	IC117	P-3	IC907	E-5	✱Q701	J-5			TP902	D-5
✱D504	P-6	IC200	M-2	IC908	G-5	✱Q704	L-4	SL100	R-1	TP1300	B-4
✱D505	M-6	IC201	L-1	IC909	F-5	✱Q705	H-5	SL101	R-1	TP1301	B-4
✱D506	P-6	IC202	M-2	IC910	D-6	Q706	L-7	SL102	R-2	TP1302	C-4
✱D507	M-6	IC203	L-1	IC911	D-6	Q707	J-7	SL103	R-3		
✱D702	L-7	IC204	L-2	IC912	E-5	✱Q900	G-4	SL104	R-3	X50	A-5
✱D703	J-7	IC205	M-2	IC913	H-5	✱Q901	F-4	SL200	M-1		
✱D704	K-6	IC206	L-3	IC914	F-6	Q902	G-6	SL201	M-1		
✱D705	H-6	IC210	L-2	IC915	E-6	Q903	E-6	SL202	N-2		
✱D706	K-6	IC217	L-3	IC916	G-6	✱Q904	G-4	SL203	M-3		
✱D707	H-6	IC300	K-2	IC917	E-6	Q905	E-4	SL204	M-3		
✱D900	D-5	IC301	J-1	IC918	G-6	Q906	G-7	SL300	K-1		
✱D903	G-6	IC302	J-2	IC919	G-7	Q907	E-7	SL301	K-1		
✱D904	F-6	IC303	J-1	IC920	H-6	✱Q1000	D-4	SL302	K-2		
✱D905	G-7	IC304	J-2	IC921	E-6	✱Q1001	E-4	SL303	K-3		
✱D906	E-7	IC305	K-2	IC922	E-7	✱Q1100	D-2	SL304	K-3		
✱D907	F-6	IC306	K-3	IC923	F-6	✱Q1101	D-3	SL400	H-1		
✱D908	E-6	IC307	H-3	IC1100	D-2	✱Q1103	D-2	SL401	H-1		
✱D909	F-6	IC308	J-4	IC1101	D-2			SL402	H-2		
✱D910	E-6	IC309	J-3	IC1102	E-3	R122	R-1	SL403	H-3		
✱D1100	E-2	IC310	J-2	IC1103	F-3	R222	N-1	SL404	H-3		
✱D1101	E-1	IC317	J-3	IC1104	E-2	R322	K-1	SL500	P-6		
✱D1102	E-2	IC400	G-2	IC1105	E-2	R422	H-1	SL501	P-6		
✱D1103	E-2	IC401	F-1	IC1106	E-2	R531	P-6	SL502	P-5		
✱D1104	E-2	IC402	G-2	IC1107	E-2	R532	M-6	SL503	M-6		
✱D1105	E-1	IC403	G-1	IC1108	F-2	R731	K-6	SL504	M-6		
✱D1106	E-2	IC404	F-2	IC1109	D-1	R732	J-6	SL505	M-5		
✱D1107	E-2	IC405	G-2	IC1110	E-1	R1038	G-6	SL506	P-5		
✱D1108	F-1	IC406	G-3	IC1111	F-1	R1039	E-6	SL507	P-5		
✱D1109	F-2	IC410	F-2	IC1112	D-1			SL509	N-5		
		IC417	F-3	IC1113	D-3	✱RB51	A-6	SL510	N-5		
E1	A-2	IC500	R-3	IC1300	A-4	✱RB53	A-4	SL700	K-6		
E2	B-1	IC501	N-4	IC1301	B-4	✱RB54	A-5	SL701	K-6		
E50	A-5	IC502	P-5	IC1304	C-4	✱RB55	C-6	SL702	K-5		
E100	P-1	IC503	N-5	IC1306	A-7			SL703	J-6		

✱ : B SIDE

LOT NO. B-2

1-13 (b)


SONY MADE IN JAPAN
1-648-534-12
APR-1
RV401
RV 402
RV301
RV 302
RV201
RV 202
RV101
RV 102
RV100
RV303
RV 203
RV103
RV900
RV902
RV 90
RV701
RV 700
RV501
RV 502
TP 200
TP 300
TP 700
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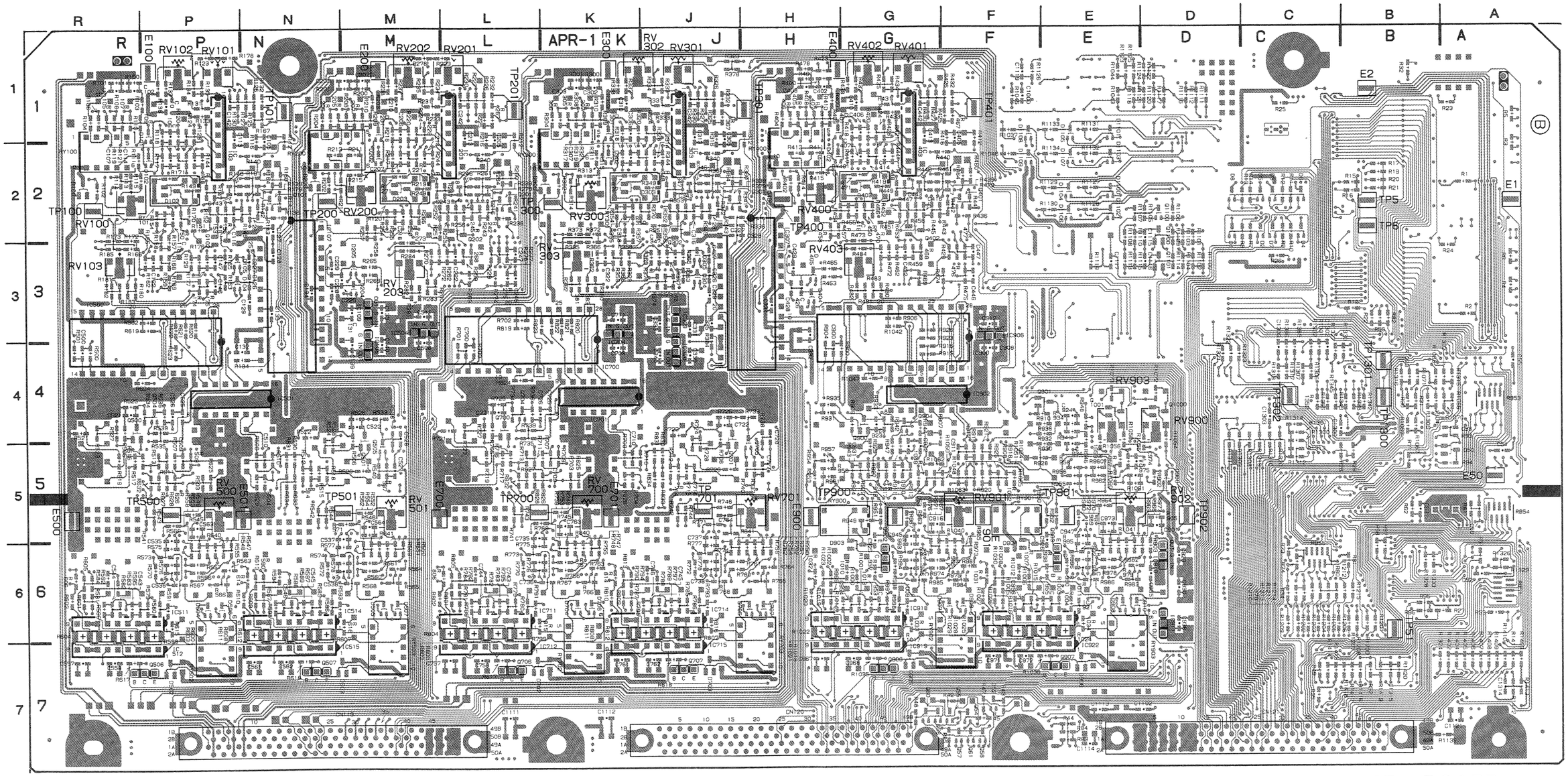


APR-1 BOARD -B SIDE-

1-648-534-12 (LOT No. 306 - 402)

DVW-A500(J)	; APR-1	MCB
DVW-A500(UC)	; APR-1	MCB
DVW-A500P(EK)	; APR-1P	MCB
DVW-500(J)	; APR-1	MCB
DVW-500(UC)	; APR-1	MCB
DVW-500P(EK)	; APR-1P	MCB

APR-1 ; Audio signal processor, A/D, D/A, AES/EBU interface

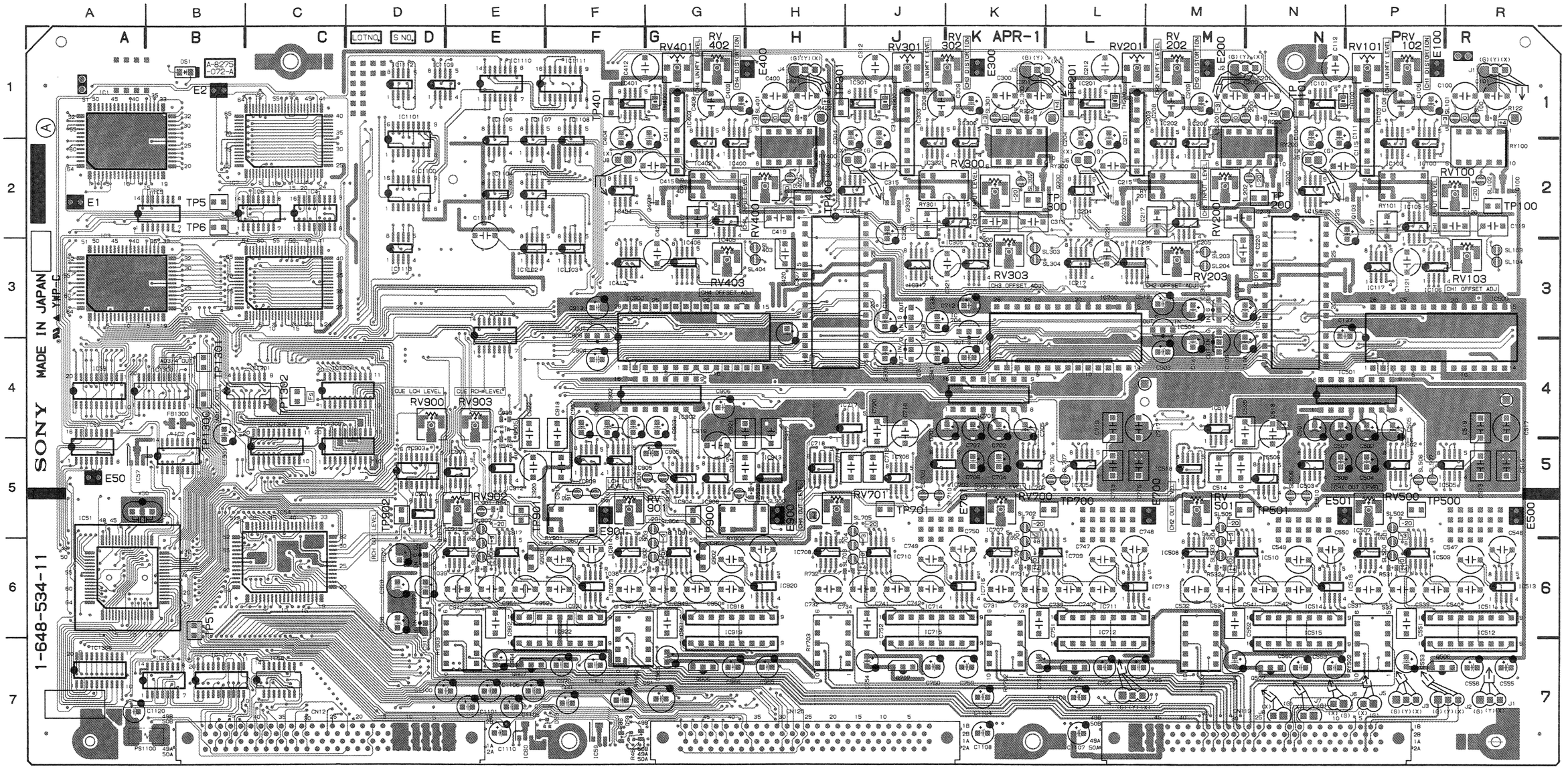
(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

APR-1(1-648-534-11)

CN119	N-7	E200	M-1	IC508	M-6	PS1100	A-7	RV302	K-1	SL904	G-5
CN120	H-7	E300	K-1	IC509	P-6			RV303	K-3	SL905	E-6
CN121	C-7	E400	H-1	IC510	M-6	✱Q54	F-7	RV400	H-2	SL906	E-6
		E500	R-5	IC511	P-6	✱Q55	F-7	RV401	G-1	SL907	E-5
✱D1	D-2	E501	P-5	IC512	P-7	✱Q56	G-7	RV402	G-1	SL908	F-5
✱D2	C-2	E700	M-5	IC513	R-6	✱Q57	F-7	RV403	G-3	SL909	G-5
✱D3	C-2	E701	K-5	IC514	N-6	✱Q58	F-7	RV500	P-5	SL910	F-5
✱D4	C-2	E900	H-5	IC515	N-7	Q59	F-7	RV501	M-5	SL911	F-5
✱D5	C-2	E901	F-5	IC516	N-6	✱Q60	G-7	RV700	K-5		
✱D6	C-2			IC517	M-5	✱Q61	F-7	RV701	H-5	TH100	N-1
✱D7	C-2	FB1300	B-4	IC518	M-5	Q100	R-2	RV900	D-4	TH200	L-1
✱D8	D-2			IC700	K-4	✱Q101	N-2	RV901	F-5	TH300	J-1
✱D50	A-5	IC1	A-2	IC701	K-4	✱Q102	P-2	RV902	E-5	TH400	G-1
D51	B-1	IC2	B-5	IC702	K-5	Q103	P-2	RV903	E-4		
✱D52	F-7	IC3	A-3	IC703	J-5	Q200	N-2			TP5	B-2
D53	F-7	IC4	C-2	IC704	K-3	✱Q201	L-2	RY100	R-2	TP6	B-2
✱D100	R-2	IC5	A-2	IC705	L-5	✱Q202	L-2	RY101	P-2	TP51	B-6
✱D101	P-1	IC6	B-2	IC706	J-5	Q203	L-2	RY200	N-2	TP100	R-2
✱D102	P-2	IC7	C-2	IC707	K-6	Q300	K-2	RY201	M-2	TP101	N-1
✱D103	P-2	IC8	C-3	IC708	H-6	✱Q301	J-2	RY300	K-2	TP200	N-2
✱D104	P-3	IC51	A-6	IC709	K-6	✱Q302	J-2	RY301	J-2	TP201	L-1
✱D105	P-3	IC52	A-5	IC710	J-6	Q303	J-2	RY400	H-2	TP300	K-2
✱D200	N-2	IC53	A-4	IC711	L-6	Q400	H-2	RY401	G-2	TP301	H-1
✱D201	M-1	IC54	C-6	IC712	L-7	✱Q401	F-2	RY502	P-7	TP400	H-2
✱D202	M-2	IC56	B-7	IC713	L-6	✱Q402	G-2	RY503	M-7	TP401	F-1
✱D203	L-2	IC57	A-5	IC714	J-6	Q403	G-2	RY702	K-7	TP500	P-5
✱D204	M-3	IC58	C-7	IC715	J-7	✱Q500	R-4	RY703	H-7	TP501	N-5
✱D205	M-3	IC59	F-7	IC716	K-6	✱Q501	M-5	RY900	G-5	TP700	L-5
✱D300	K-2	IC60	E-7	IC717	H-5	✱Q504	P-4	RY901	F-5	TP701	J-5
✱D301	K-1	IC100	P-2	IC718	H-5	✱Q505	M-5	RY902	F-7	TP900	G-5
✱D302	K-2	IC101	N-1	IC900	F-4	Q506	P-7	RY903	E-7	TP901	E-5
✱D303	J-2	IC102	P-2	IC901	D-5	Q507	N-7			TP902	D-5
✱D304	J-3	IC103	P-1	IC902	F-4	✱Q700	L-4	SL100	R-1	TP1300	B-4
✱D305	J-3	IC104	N-2	IC903	D-5	✱Q701	J-5	SL101	R-1	TP1301	B-4
✱D400	H-2	IC105	P-3	IC904	G-5	✱Q704	L-4	SL102	R-2	TP1302	C-4
✱D401	H-1	IC106	P-3	IC905	F-5	✱Q705	H-5	SL103	R-3		
✱D402	H-2	IC107	N-2	IC906	F-3	Q706	L-7	SL104	R-3	X50	A-5
✱D403	G-2	IC108	M-4	IC907	E-5	Q707	J-7	SL200	M-1		
✱D404	H-3	IC109	M-3	IC908	G-5	✱Q900	G-4	SL201	M-1		
✱D405	H-3	IC112	E-4	IC909	F-5	✱Q901	F-4	SL202	N-2		
✱D502	P-7	IC117	P-3	IC910	D-6	Q902	G-6	SL203	M-3		
✱D503	N-7	IC200	M-2	IC911	D-6	Q903	E-6	SL204	M-3		
✱D504	P-6	IC201	L-1	IC912	E-5	✱Q904	G-4	SL300	K-1		
✱D505	M-6	IC202	M-2	IC913	H-5	Q905	E-4	SL301	K-1		
✱D506	P-6	IC203	L-1	IC914	F-6	Q906	G-7	SL302	K-2		
✱D507	M-6	IC204	L-2	IC915	E-6	Q907	E-7	SL303	K-3		
✱D702	L-7	IC205	M-2	IC916	G-6	✱Q1100	D-2	SL304	K-3		
✱D703	J-7	IC206	L-3	IC917	E-6	✱Q1101	D-3	SL400	H-1		
✱D704	K-6	IC217	L-3	IC918	G-6	✱Q1103	D-2	SL401	H-1		
✱D705	H-6	IC300	K-2	IC919	G-7			SL402	H-2		
✱D706	K-6	IC301	J-1	IC920	H-6	R122	R-1	SL403	H-3		
✱D707	H-6	IC302	J-2	IC921	E-6	R222	N-1	SL404	H-3		
✱D900	D-5	IC303	J-1	IC922	E-7	R322	K-1	SL500	P-6		
✱D903	G-6	IC304	J-2	IC923	F-6	R422	H-1	SL501	P-6		
✱D904	F-6	IC305	K-2	IC1100	D-2	R531	P-6	SL502	P-5		
✱D905	G-7	IC306	K-3	IC1101	D-2	R532	M-6	SL503	M-6		
✱D906	E-7	IC307	H-2	IC1102	E-3	R731	K-6	SL504	M-6		
✱D907	F-6	IC308	J-4	IC1103	F-3	R732	J-6	SL505	M-5		
✱D908	E-6	IC309	J-3	IC1104	E-2	R1038	G-6	SL506	P-5		
✱D909	F-6	IC317	J-3	IC1105	E-2	R1039	E-6	SL507	P-5		
✱D910	E-6	IC400	G-2	IC1106	E-2			SL509	N-5		
✱D1100	E-2	IC401	F-1	IC1107	E-2	✱RB51	A-6	SL510	N-5		
✱D1101	E-1	IC402	G-2	IC1108	F-2	✱RB53	A-4	SL700	K-6		
✱D1102	E-2	IC403	G-1	IC1109	D-1	✱RB54	A-5	SL701	K-6		
✱D1103	E-2	IC404	F-2	IC1110	E-1	✱RB55	C-6	SL702	K-5		
✱D1104	E-2	IC405	G-2	IC1111	F-1			SL703	J-6		
✱D1105	E-1	IC406	G-3	IC1112	D-1	RV100	R-2	SL704	J-6		
✱D1106	E-2	IC417	F-3	IC1113	D-3	RV101	P-1	SL705	J-5		
✱D1107	E-2	IC500	P-4	IC1300	A-4	RV102	P-1	SL706	L-5		
✱D1108	F-1	IC501	N-4	IC1301	B-4	RV103	R-3	SL707	L-5		
✱D1109	F-2	IC502	P-5	IC1304	C-4	RV200	M-2	SL709	J-5		
		IC503	N-5	IC1306	A-7	RV201	L-1	SL710	J-5		
E1	A-2	IC504	M-3	IC1307	B-7	RV202	M-1	SL900	G-5		
E2	B-1	IC505	R-5	IC1308	C-5	RV203	M-3	SL901	E-5		
E50	A-5	IC506	N-5	IC1309	C-5	RV300	K-2	SL902	G-6		
E100	P-1	IC507	P-6			RV301	J-1	SL903	G-6		

✱ : B SIDE

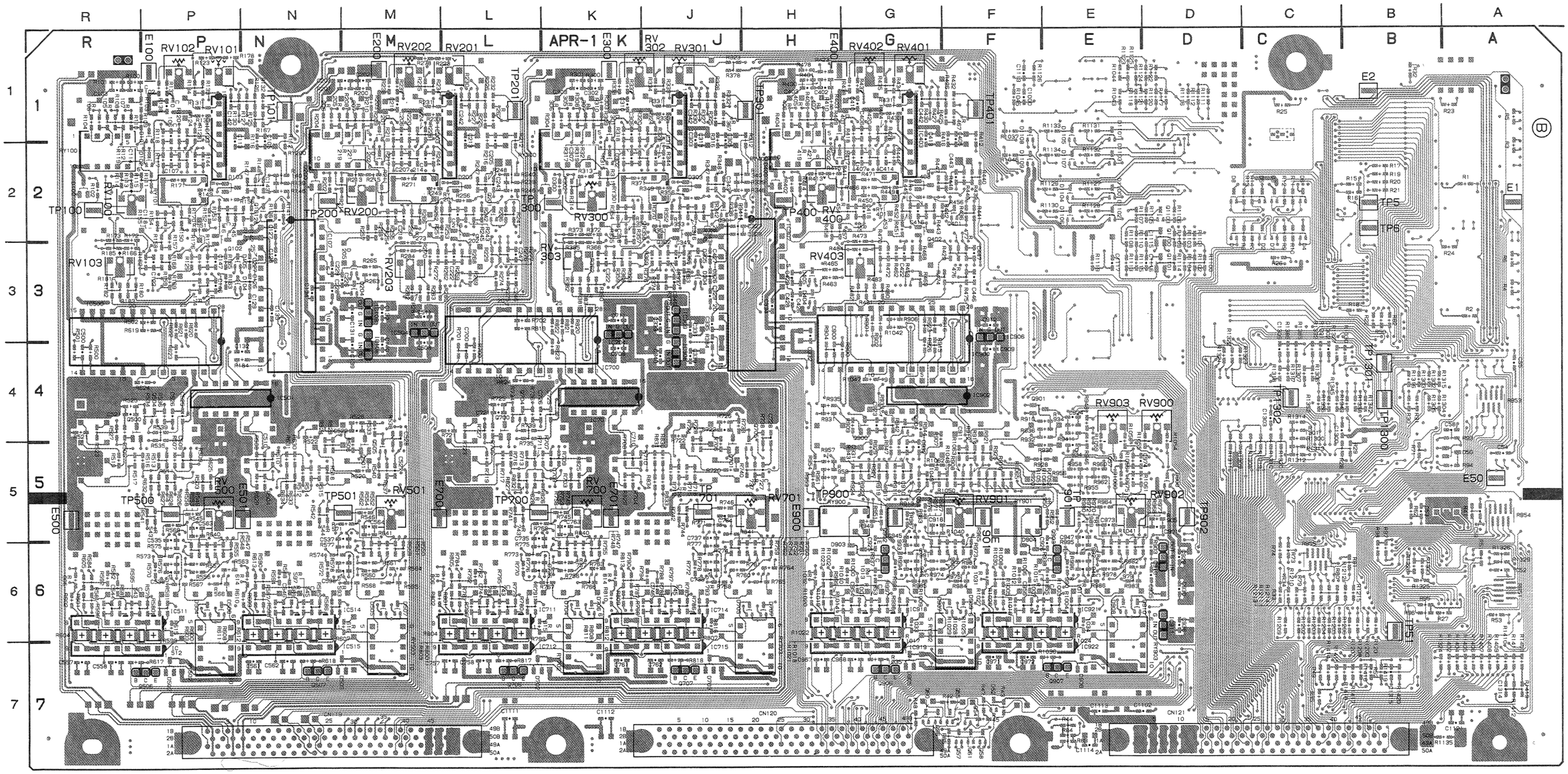
LOT NO. D-1



APR-1 BOARD -A SIDE-

1-648-534-11 (LOT No. 302 - 306)

DVW-A500(J)	; APR-1	MCB
DVW-A500(UC)	; APR-1	MCB
DVW-A500P(EK)	; APR-1P	MCB
DVW-A500P(UC)	; APR-1PG	MCB
DVW-500(J)	; APR-1	MCB
DVW-500(UC)	; APR-1	MCB
DVW-500P(EK)	; APR-1P	MCB



APR-1 BOARD -B SIDE-

1-648-534-11 (LOT No. 302 - 306)

DVW-A500(J)	; APR-1	MCB
DVW-A500(UC)	; APR-1	MCB
DVW-A500P(EK)	; APR-1P	MCB
DVW-A500P(UC)	; APR-1PG	MCB
DVW-500(J)	; APR-1	MCB
DVW-500(UC)	; APR-1	MCB
DVW-500P(EK)	; APR-1P	MCB

APR-1B ; Audio signal processor (without LAU interface), D/A, AES/EBU interface

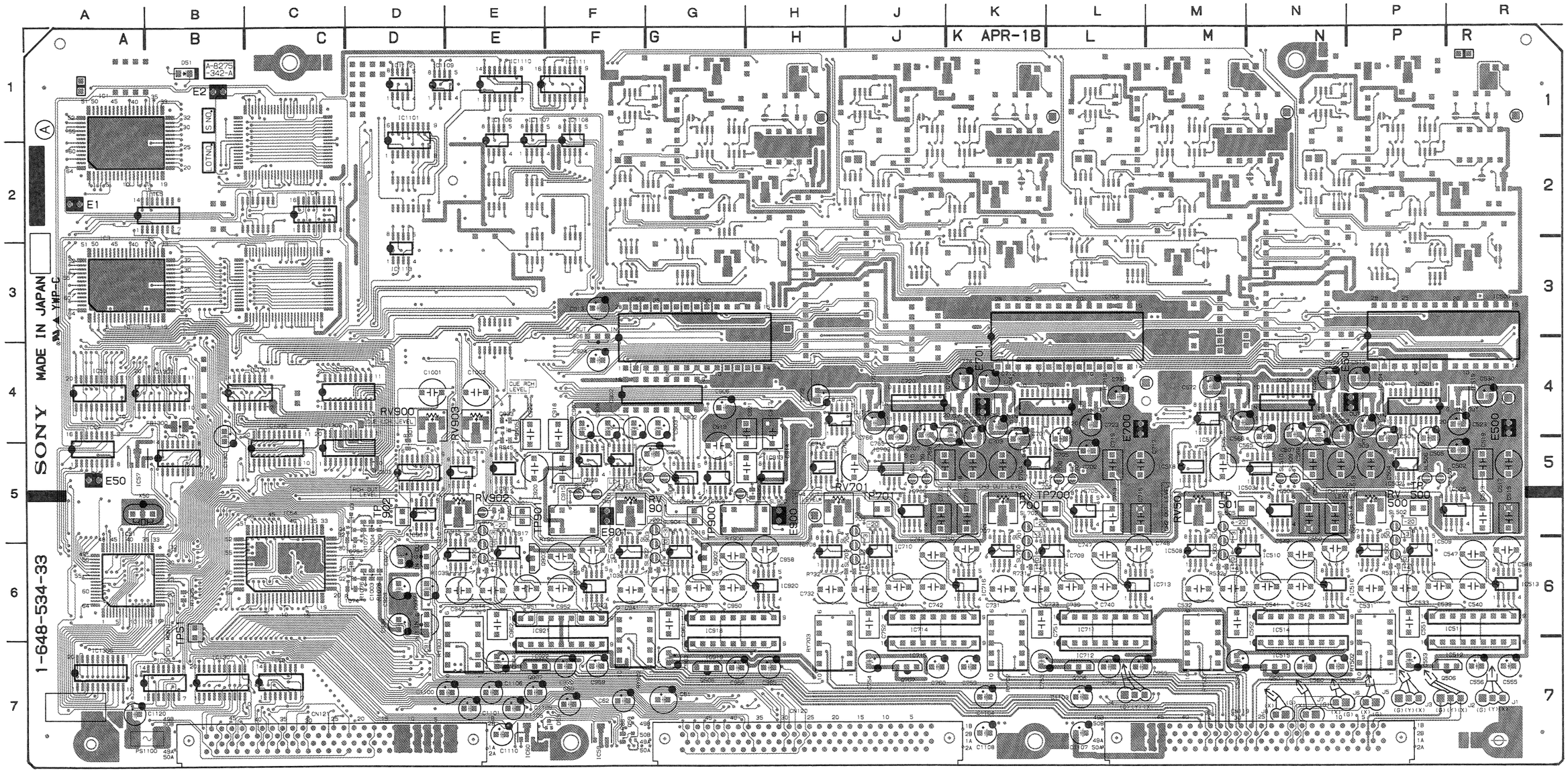
(Board's Lot No. 501 through 909)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)

APR-1B(1-648-534-33)

CN119	N-7	IC502	P-5	IC1113	D-3	SL507	P-5
CN120	H-7	IC503	N-5	IC1300	A-4	SL509	N-5
CN121	C-7	IC504	P-4	IC1301	B-4	SL510	N-5
		IC505	R-5	IC1304	C-4	SL700	K-6
✱D1	D-2	IC506	N-5	IC1306	A-7	SL701	K-6
✱D2	C-2	IC507	P-6	IC1307	B-7	SL702	K-5
✱D3	C-2	IC508	M-6	IC1308	C-5	SL703	J-6
✱D4	C-2	IC509	P-6	IC1309	C-5	SL704	J-6
✱D5	C-2	IC510	N-6			SL705	J-5
✱D6	C-2	IC511	P-6	PS1100	A-7	SL706	L-5
✱D7	C-2	IC512	P-7			SL707	L-5
✱D8	D-2	IC513	R-6	Q1	D-6	SL709	J-5
✱D50	A-5	IC514	N-6	Q2	D-6	SL710	J-5
D51	B-1	IC515	N-7	Q3	D-5	SL900	G-5
✱D52	F-7	IC516	N-6	Q4	D-5	SL901	E-5
D53	F-7	IC517	M-4	✱Q54	F-7	SL902	G-6
✱D500	P-4	IC518	M-5	✱Q55	F-7	SL903	G-6
✱D501	M-4	IC519	R-4	✱Q56	G-7	SL904	G-5
✱D502	P-7	IC520	N-4	✱Q57	F-7	SL905	E-6
✱D503	N-7	IC521	M-4	✱Q58	F-7	SL906	E-6
✱D504	P-6	IC522	N-4	Q59	F-7	SL907	E-5
✱D505	M-6	IC700	L-3	✱Q60	G-7	SL908	F-5
✱D506	P-6	IC701	K-4	✱Q61	F-7	SL909	G-5
✱D507	M-6	IC702	K-5	✱Q500	R-5	SL910	F-5
✱D700	K-4	IC703	J-5	✱Q501	N-5	SL911	F-5
✱D701	J-4	IC704	K-4	✱Q504	R-4		
✱D702	L-7	IC705	L-5	✱Q505	M-5	TP51	B-6
✱D703	J-7	IC706	J-5	Q506	P-7	TP500	P-5
✱D704	K-6	IC707	K-6	Q507	N-7	TP501	M-5
✱D705	H-6	IC708	H-6	✱Q700	L-5	TP700	L-5
✱D706	K-6	IC709	L-6	✱Q701	J-5	TP701	J-5
✱D707	H-6	IC710	J-6	✱Q704	L-4	TP900	G-5
✱D900	D-5	IC711	L-6	✱Q705	H-5	TP901	E-5
✱D903	G-6	IC712	L-7	Q706	L-7	TP902	D-5
✱D904	F-6	IC713	L-6	Q707	J-7		
✱D905	G-7	IC714	J-6	✱Q900	G-4	X50	A-5
✱D906	E-7	IC715	J-7	✱Q901	E-4		
✱D907	F-6	IC716	K-6	Q902	G-6		
✱D908	E-6	IC717	H-4	Q903	E-6		
✱D909	F-6	IC718	H-5	✱Q904	G-4		
✱D910	E-6	IC719	L-4	Q905	E-4		
✱D1101	E-1	IC720	J-4	Q906	G-7		
✱D1103	E-2	IC721	J-4	Q907	E-7		
✱D1105	E-1	IC722	K-4	✱Q1000	D-4		
✱D1107	E-2	IC900	F-3	✱Q1001	E-4		
✱D1108	F-1	IC901	D-5				
✱D1109	F-2	IC902	G-4	✱RB51	A-6		
		IC903	D-5	✱RB53	A-4		
E1	A-2	IC904	G-5	✱RB54	A-5		
E2	B-1	IC905	F-5	✱RB55	C-6		
E50	A-5	IC906	F-3				
E500	R-4	IC907	E-5	RV500	P-5		
E501	P-4	IC908	G-5	RV501	M-5		
E700	L-4	IC909	F-5	RV700	K-5		
E701	K-4	IC910	D-6	RV701	H-5		
E900	H-5	IC911	D-6	RV900	D-4		
E901	F-5	IC912	E-5	RV901	F-5		
		IC913	H-5	RV902	E-5		
FB1300	B-4	IC914	F-6	RV903	E-4		
		IC915	E-6				
IC1	A-1	IC916	G-6	RY502	P-7		
IC2	B-5	IC917	E-6	RY503	M-7		
IC3	A-3	IC918	G-6	RY702	K-7		
IC4	C-2	IC919	G-7	RY703	H-7		
IC5	B-2	IC920	H-6	RY900	G-5		
IC51	A-6	IC921	E-6	RY901	F-5		
IC52	A-5	IC922	E-7	RY902	F-7		
IC53	A-4	IC923	F-6	RY903	E-7		
IC54	C-6	IC1101	D-2				
IC56	B-7	IC1106	E-2	SL500	P-6		
IC57	A-5	IC1107	E-2	SL501	P-6		
IC58	C-7	IC1108	F-2	SL502	P-5		
IC59	F-7	IC1109	D-1	SL503	M-6		
IC60	E-7	IC1110	E-1	SL504	M-6		
IC500	R-3	IC1111	F-1	SL505	M-5		
IC501	P-4	IC1112	D-1	SL506	P-5		

✱ : B SIDE

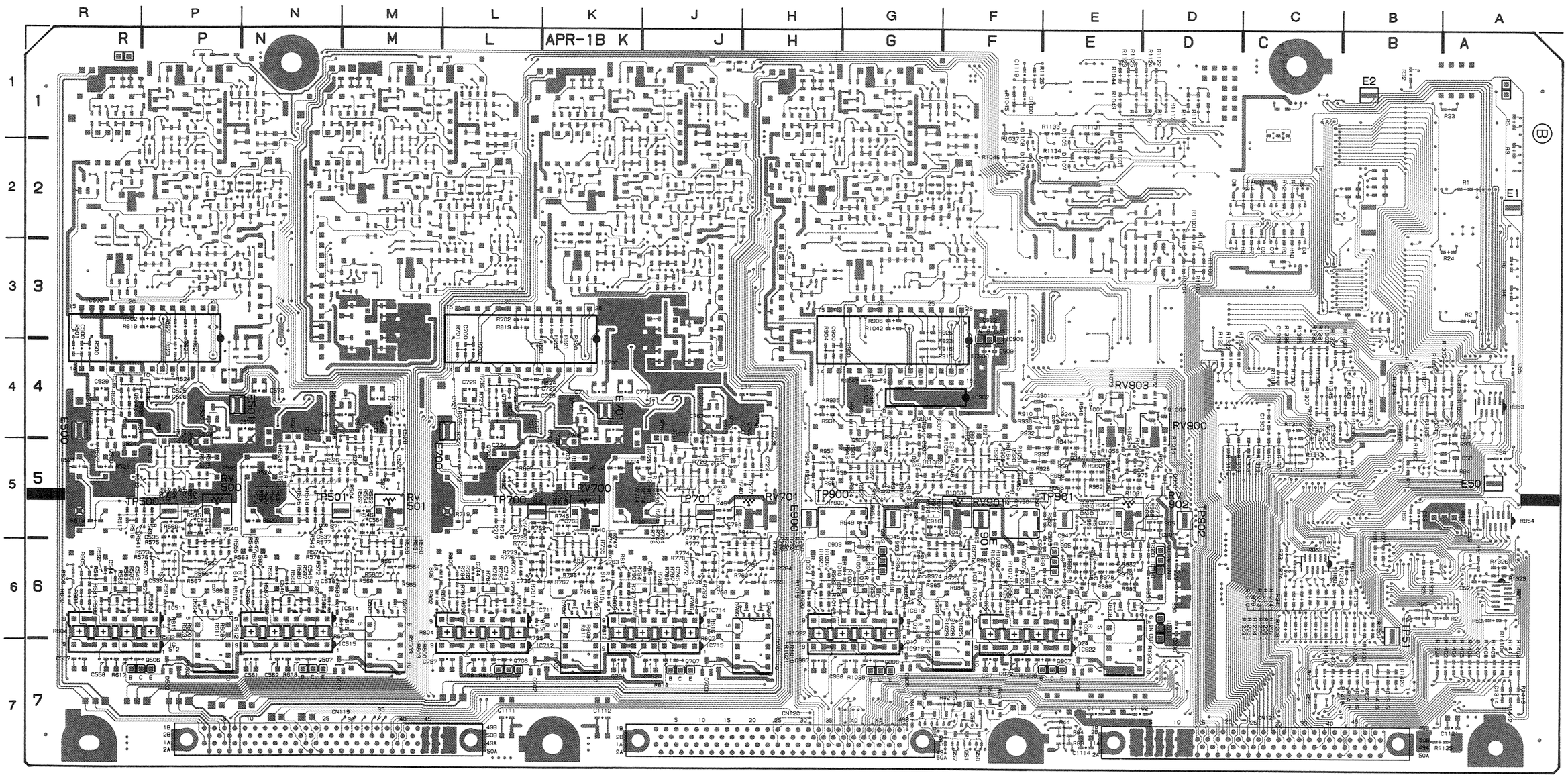
LOT NO. B-2



APR-1B BOARD -A SIDE-

1-648-534-33 (LOT No. 501 - 909)

DVW-510(J) ; APR-1B MCB
DVW-510(UC) ; APR-1B MCB
DVW-510P(EK) ; APR-1BP MCB



APR-1B BOARD -B SIDE-

1-648-534-33 (LOT No. 501 - 909)

DVW-510(J) ; APR-1B MCB
DVW-510(UC) ; APR-1B MCB
DVW-510P(EK) ; APR-1BP MCB

APR-1B ; Audio signal processor (without LAU interface), D/A, AES/EBU interface

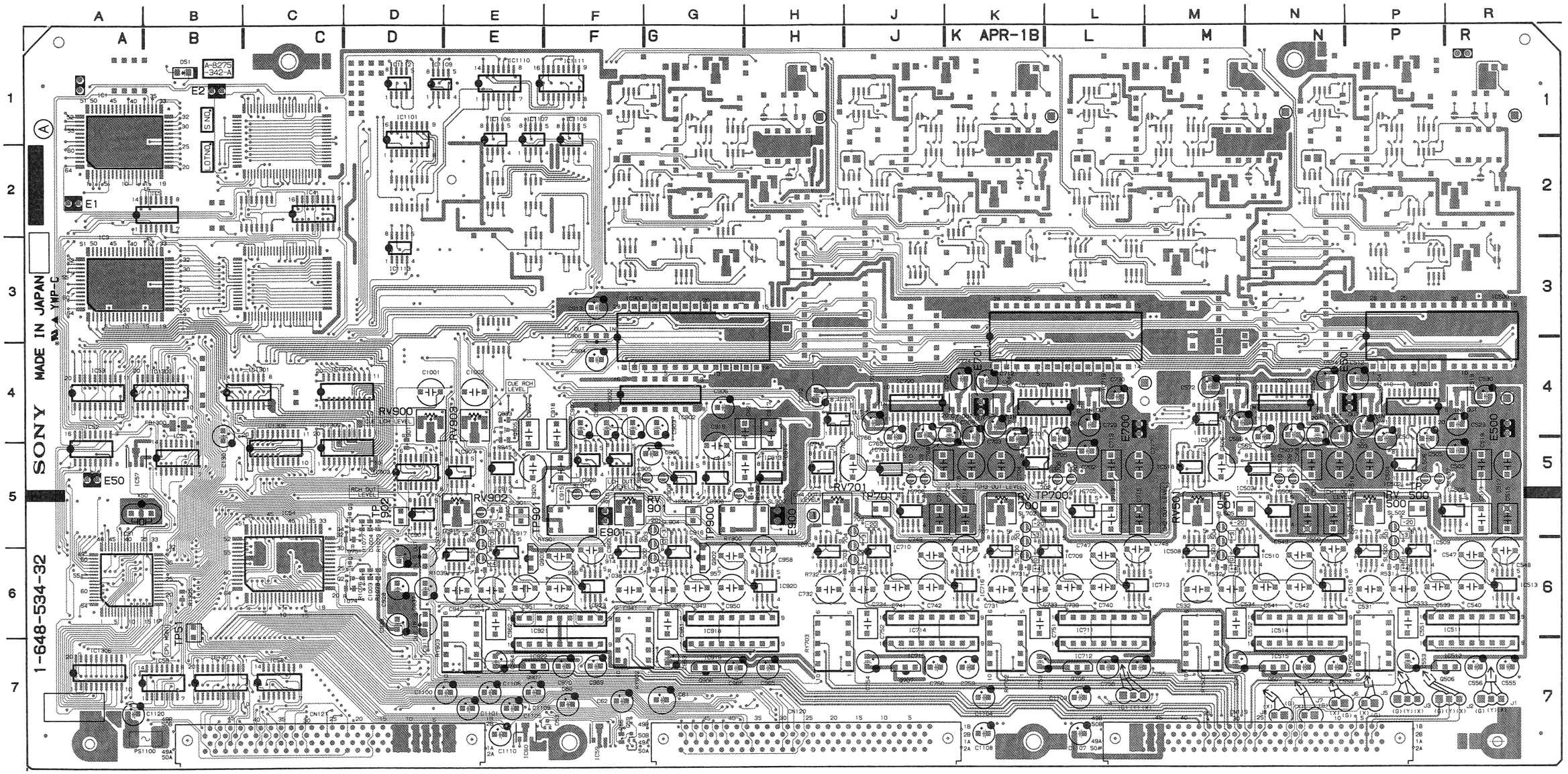
(Board's Lot No. 403 through 412)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)

APR-1B(1-648-534-32)

CN119	N-7	IC502	P-5	IC1113	D-3	SL507	P-5
CN120	H-7	IC503	N-5	IC1300	A-4	SL509	N-5
CN121	C-7	IC504	P-4	IC1301	B-4	SL510	N-5
		IC505	R-5	IC1304	C-4	SL700	K-6
✱D1	D-2	IC506	N-5	IC1306	A-7	SL701	K-6
✱D2	C-2	IC507	P-6	IC1307	B-7	SL702	K-5
✱D3	C-2	IC508	M-6	IC1308	C-5	SL703	J-6
✱D4	C-2	IC509	P-6	IC1309	C-5	SL704	J-6
✱D5	C-2	IC510	N-6			SL705	J-5
✱D6	C-2	IC511	P-6	PS1100	A-7	SL706	L-5
✱D7	C-2	IC512	P-7			SL707	L-5
✱D8	D-2	IC513	R-6	Q1	D-6	SL709	J-5
✱D50	A-5	IC514	N-6	Q2	D-6	SL710	J-5
D51	B-1	IC515	N-7	Q3	D-5	SL900	G-5
✱D52	F-7	IC516	N-6	Q4	D-5	SL901	E-5
D53	F-7	IC517	M-4	✱Q54	F-7	SL902	G-6
✱D500	P-4	IC518	M-5	✱Q55	F-7	SL903	G-6
✱D501	M-4	IC519	R-4	✱Q56	G-7	SL904	G-5
✱D502	P-7	IC520	N-4	✱Q57	F-7	SL905	E-6
✱D503	N-7	IC521	M-4	✱Q58	F-7	SL906	E-6
✱D504	P-6	IC522	N-4	Q59	F-7	SL907	E-5
✱D505	M-6	IC700	L-3	✱Q60	G-7	SL908	F-5
✱D506	P-6	IC701	K-4	✱Q61	F-7	SL909	G-5
✱D507	M-6	IC702	K-5	✱Q500	R-5	SL910	F-5
✱D700	K-4	IC703	J-5	✱Q501	N-5	SL911	F-5
✱D701	J-4	IC704	K-4	✱Q504	R-4		
✱D702	L-7	IC705	L-5	✱Q505	M-5	TP51	B-6
✱D703	J-7	IC706	J-5	Q506	P-7	TP500	P-5
✱D704	K-6	IC707	K-6	Q507	N-7	TP501	M-5
✱D705	H-6	IC708	H-6	✱Q700	L-5	TP700	L-5
✱D706	K-6	IC709	L-6	✱Q701	J-5	TP701	J-5
✱D707	H-6	IC710	J-6	✱Q704	L-4	TP900	G-5
✱D900	D-5	IC711	L-6	✱Q705	H-5	TP901	E-5
✱D903	G-6	IC712	L-7	Q706	L-7	TP902	D-5
✱D904	F-6	IC713	L-6	Q707	J-7		
✱D905	G-7	IC714	J-6	✱Q900	G-4	X50	A-5
✱D906	E-7	IC715	J-7	✱Q901	E-4		
✱D907	F-6	IC716	K-6	Q902	G-6		
✱D908	E-6	IC717	H-4	Q903	E-6		
✱D909	F-6	IC718	H-5	✱Q904	G-4		
✱D910	E-6	IC719	L-4	Q905	E-4		
✱D1101	E-1	IC720	J-4	Q906	G-7		
✱D1103	E-2	IC721	J-4	Q907	E-7		
✱D1105	E-1	IC722	K-4	✱Q1000	D-4		
✱D1107	E-2	IC900	F-3	✱Q1001	E-4		
✱D1108	F-1	IC901	D-5				
✱D1109	F-2	IC902	G-4	✱RB51	A-6		
		IC903	D-5	✱RB53	A-4		
E1	A-2	IC904	G-5	✱RB54	A-5		
E2	B-1	IC905	F-5	✱RB55	C-6		
E50	A-5	IC906	F-3				
E500	R-4	IC907	E-5	RV500	P-5		
E501	P-4	IC908	G-5	RV501	M-5		
E700	L-4	IC909	F-5	RV700	K-5		
E701	K-4	IC910	D-6	RV701	H-5		
E900	H-5	IC911	D-6	RV900	D-4		
E901	F-5	IC912	E-5	RV901	F-5		
		IC913	H-5	RV902	E-5		
FB1300	B-4	IC914	F-6	RV903	E-4		
		IC915	E-6				
IC1	A-1	IC916	G-6	RY502	P-7		
IC2	B-5	IC917	E-6	RY503	M-7		
IC3	A-3	IC918	G-6	RY702	K-7		
IC4	C-2	IC919	G-7	RY703	H-7		
IC5	B-2	IC920	H-6	RY900	G-5		
IC51	A-6	IC921	E-6	RY901	F-5		
IC52	A-5	IC922	E-7	RY902	F-7		
IC53	A-4	IC923	F-6	RY903	E-7		
IC54	C-6	IC1101	D-2				
IC56	B-7	IC1106	E-2	SL500	P-6		
IC57	A-5	IC1107	E-2	SL501	P-6		
IC58	C-7	IC1108	F-2	SL502	P-5		
IC59	F-7	IC1109	D-1	SL503	M-6		
IC60	E-7	IC1110	E-1	SL504	M-6		
IC500	R-3	IC1111	F-1	SL505	M-5		
IC501	P-4	IC1112	D-1	SL506	P-5		

✱ : B SIDE

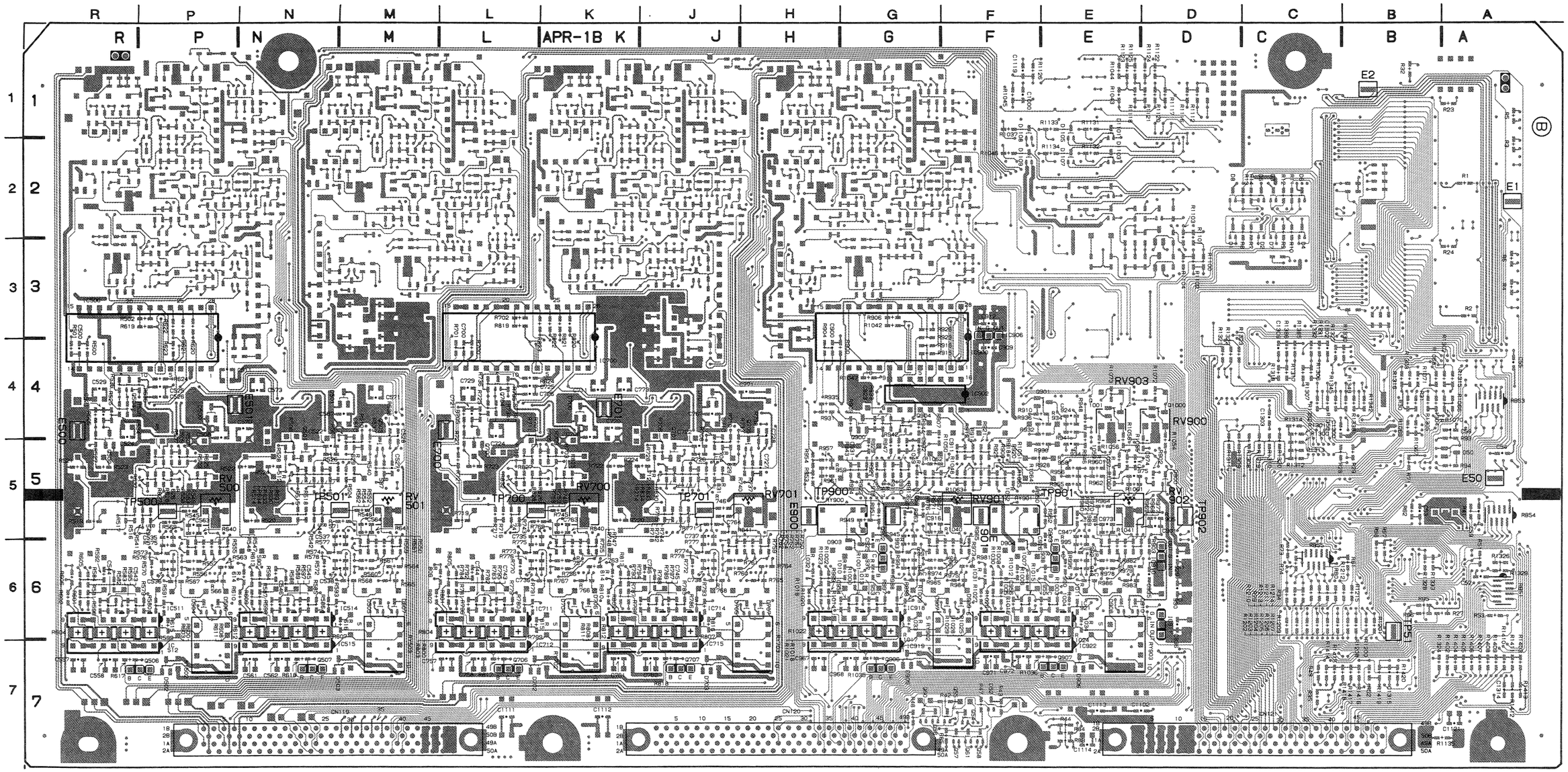
LOT NO. B-2



APR-1B BOARD **-A SIDE-**

1-648-534-32 (LOT No. 403 - 412)

DVW-510(J)	; APR-1B	MCB
DVW-510(UC)	; APR-1B	MCB
DVW-510P(EK)	; APR-1BP	MCB



APR-1B BOARD -B SIDE-

1-648-534-32 (LOT No. 403 - 412)

DVW-510(J) ; APR-1B MCB
DVW-510(UC) ; APR-1B MCB
DVW-510P(EK) ; APR-1BP MCB

APR-1B ; Audio signal processor(without LAU interface), D/A, AES/EBU interface

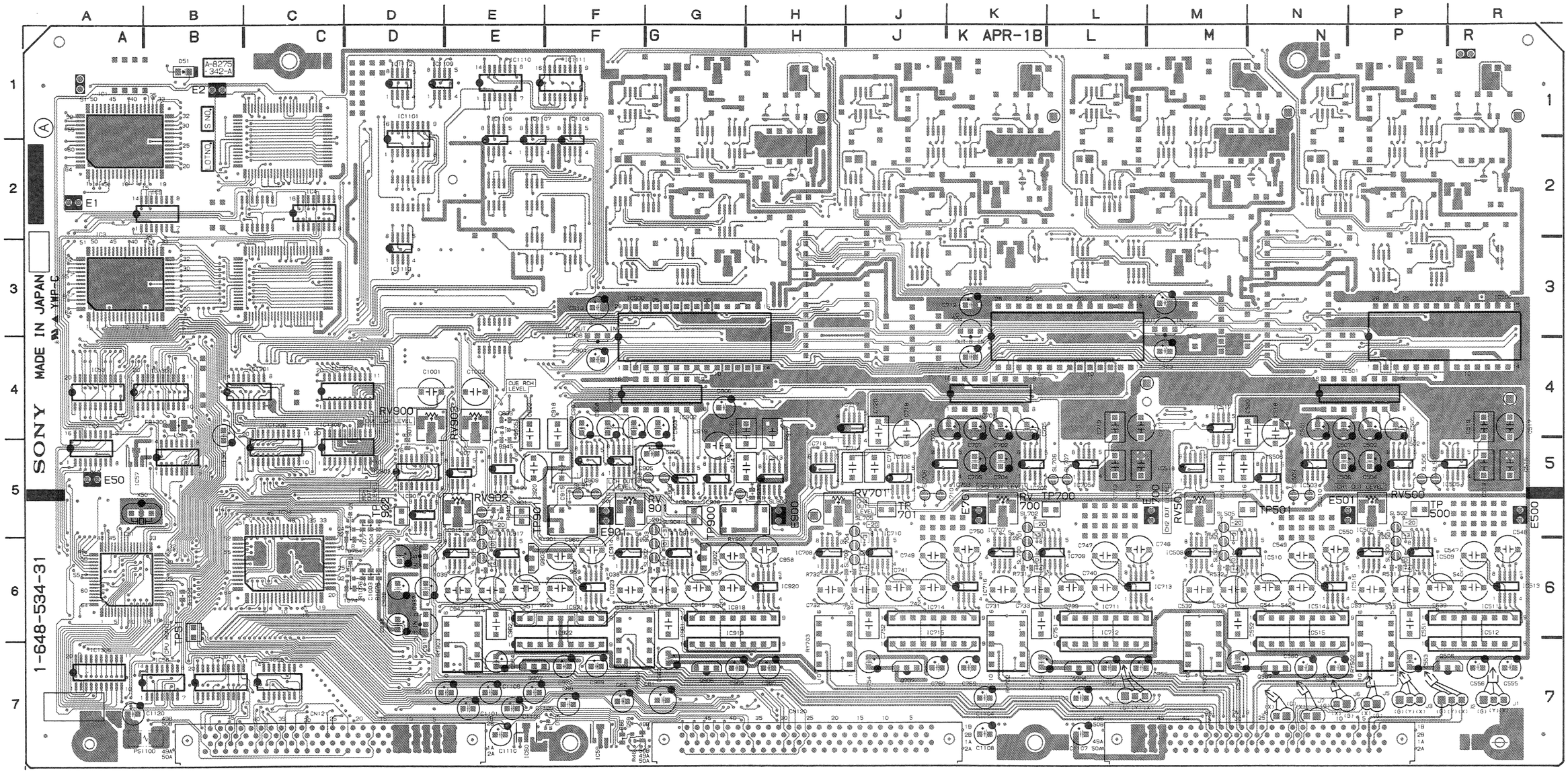
(Board's Lot No. 308 through 402)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)

APR-1B(1-648-534-31)

CN119	N-7	IC506	N-5	Q2	D-6	SL710	J-5
CN120	H-7	IC507	P-6	Q3	D-5	SL900	G-5
CN121	C-7	IC508	M-6	Q4	D-5	SL901	E-5
		IC509	P-6	✱Q54	F-7	SL902	G-6
✱D1	D-2	IC510	N-6	✱Q55	F-7	SL903	G-6
✱D2	C-2	IC511	P-6	✱Q56	G-7	SL904	G-5
✱D3	C-2	IC512	P-7	✱Q57	F-7	SL905	E-6
✱D4	C-2	IC513	R-6	✱Q58	F-7	SL906	E-6
✱D5	C-2	IC514	N-6	Q59	F-7	SL907	E-5
✱D6	C-2	IC515	N-7	✱Q60	G-7	SL908	F-5
✱D7	C-2	IC516	N-6	✱Q61	F-7	SL909	G-5
✱D8	D-2	IC517	M-4	✱Q500	R-4	SL910	F-5
✱D50	A-5	IC518	M-5	✱Q501	M-5	SL911	F-5
D51	B-1	IC700	L-3	✱Q504	P-4		
✱D52	F-7	IC701	K-4	✱Q505	M-5	TP51	B-6
D53	F-7	IC702	K-5	Q506	P-7	TP500	P-5
✱D502	P-7	IC703	J-5	Q507	N-7	TP501	N-5
✱D503	N-7	IC704	K-3	✱Q700	L-4	TP700	L-5
✱D504	P-6	IC705	L-5	✱Q701	J-5	TP701	J-5
✱D505	M-6	IC706	J-5	✱Q704	L-4	TP900	G-5
✱D506	P-6	IC707	K-6	✱Q705	H-5	TP901	E-5
✱D507	M-6	IC708	H-6	Q706	L-7	TP902	D-5
✱D702	L-7	IC709	K-6	Q707	J-7		
✱D703	J-7	IC710	J-6	✱Q900	G-4	X50	A-5
✱D704	K-6	IC711	L-6	✱Q901	F-4		
✱D705	H-6	IC712	L-7	Q902	G-6		
✱D706	K-6	IC713	L-6	Q903	E-6		
✱D707	H-6	IC714	J-6	✱Q904	G-4		
✱D900	D-5	IC715	J-7	Q905	E-4		
✱D903	G-6	IC716	K-6	Q906	G-7		
✱D904	F-6	IC717	H-4	Q907	E-7		
✱D905	G-7	IC718	H-5	✱Q1000	D-4		
✱D906	E-7	IC900	F-3	✱Q1001	E-4		
✱D907	F-6	IC901	D-5				
✱D908	E-6	IC902	G-4	✱RB51	A-6		
✱D909	F-6	IC903	D-5	✱RB53	A-4		
✱D910	E-6	IC904	G-5	✱RB54	A-5		
✱D1101	E-1	IC905	F-5	✱RB55	C-6		
✱D1103	E-2	IC906	F-3				
✱D1105	E-1	IC907	E-5	RV500	P-5		
✱D1107	E-2	IC908	G-5	RV501	M-5		
✱D1108	F-1	IC909	F-5	RV700	K-5		
✱D1109	F-2	IC910	D-6	RV701	H-5		
		IC911	D-6	RV900	D-4		
E1	A-2	IC912	E-5	RV901	F-5		
E2	B-1	IC913	H-5	RV902	E-5		
E50	A-5	IC914	F-6	RV903	E-4		
E500	R-5	IC915	E-6				
E501	P-5	IC916	G-6	RY502	P-7		
E700	M-5	IC917	E-6	RY503	M-7		
E701	K-5	IC918	G-6	RY702	K-7		
E900	H-5	IC919	G-7	RY703	H-7		
E901	F-5	IC920	H-6	RY900	G-5		
		IC921	E-6	RY901	F-5		
FB1300	B-4	IC922	E-7	RY902	F-7		
		IC923	F-6	RY903	E-7		
IC1	A-1	IC1101	D-2				
IC2	B-5	IC1106	E-2	SL500	P-6		
IC3	A-3	IC1107	E-2	SL501	P-6		
IC4	C-2	IC1108	F-2	SL502	P-5		
IC5	B-2	IC1109	D-1	SL503	M-6		
IC51	A-6	IC1110	E-1	SL504	M-6		
IC52	A-5	IC1111	F-1	SL505	M-5		
IC53	A-4	IC1112	D-1	SL506	P-5		
IC54	C-6	IC1113	D-3	SL507	P-5		
IC56	B-7	IC1300	A-4	SL509	N-5		
IC57	A-5	IC1301	B-4	SL510	N-5		
IC58	C-7	IC1304	C-4	SL700	K-6		
IC59	F-7	IC1306	A-7	SL701	K-6		
IC60	E-7	IC1307	B-7	SL702	K-5		
IC500	R-3	IC1308	C-5	SL703	J-6		
IC501	N-4	IC1309	C-5	SL704	J-6		
IC502	P-5			SL705	J-5		
IC503	N-5	PS1100	A-7	SL706	L-5		
IC504	M-3			SL707	L-5		
IC505	R-5	Q1	D-6	SL709	J-5		

✱ : B SIDE

LOT NO. B-2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SONY MADE IN JAPAN
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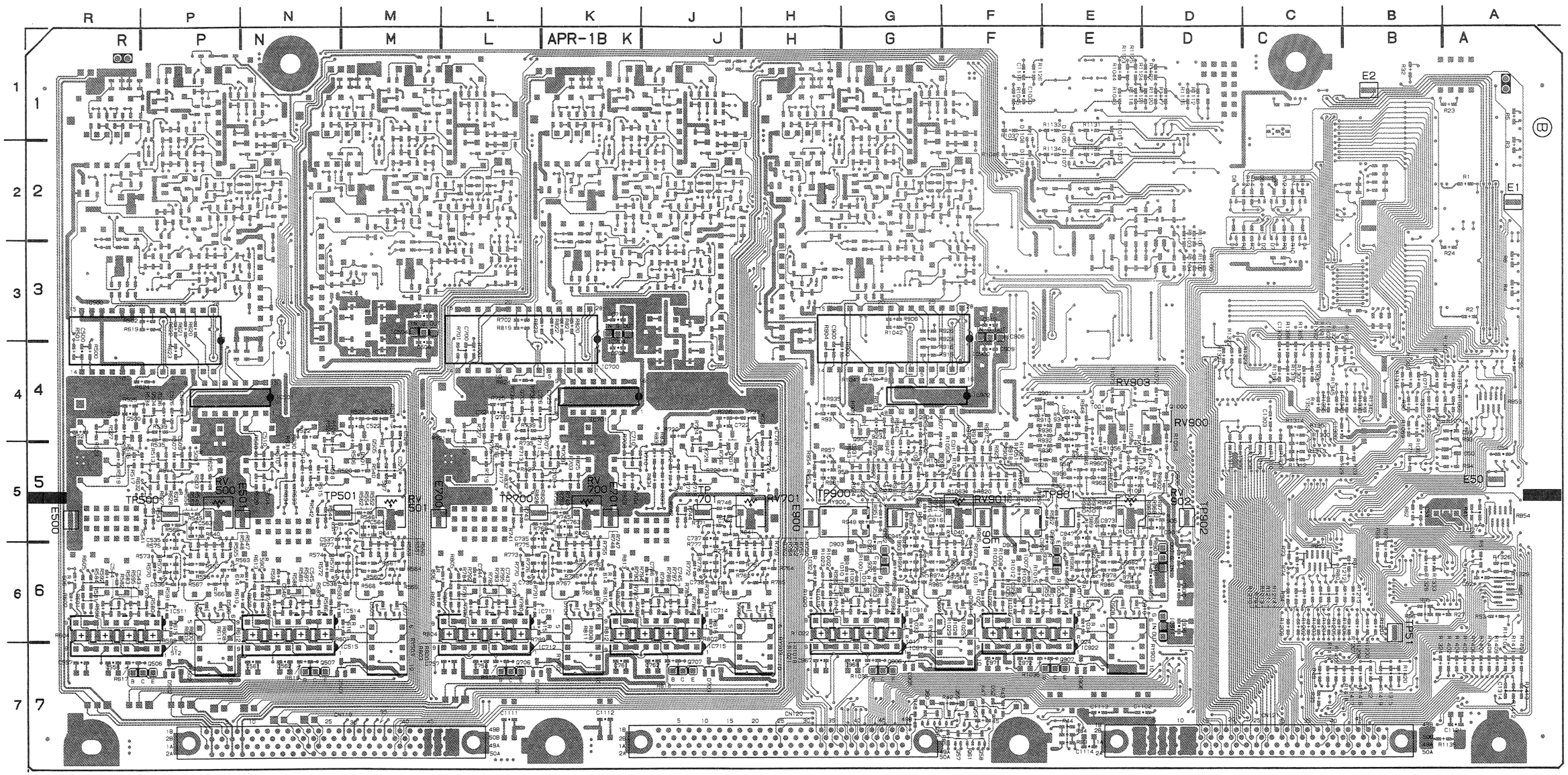


APR-1B BOARD -B SIDE-

1-648-534-31 (LOT No. 308 - 402)

DVW-510(J)	; APR-1B	MCB
DVW-510(UC)	; APR-1B	MCB
DVW-510P(EK)	; APR-1BP	MCB

APR-1BA ; Audio signal processor (with LAU interface), D/A, AES/EBU interface

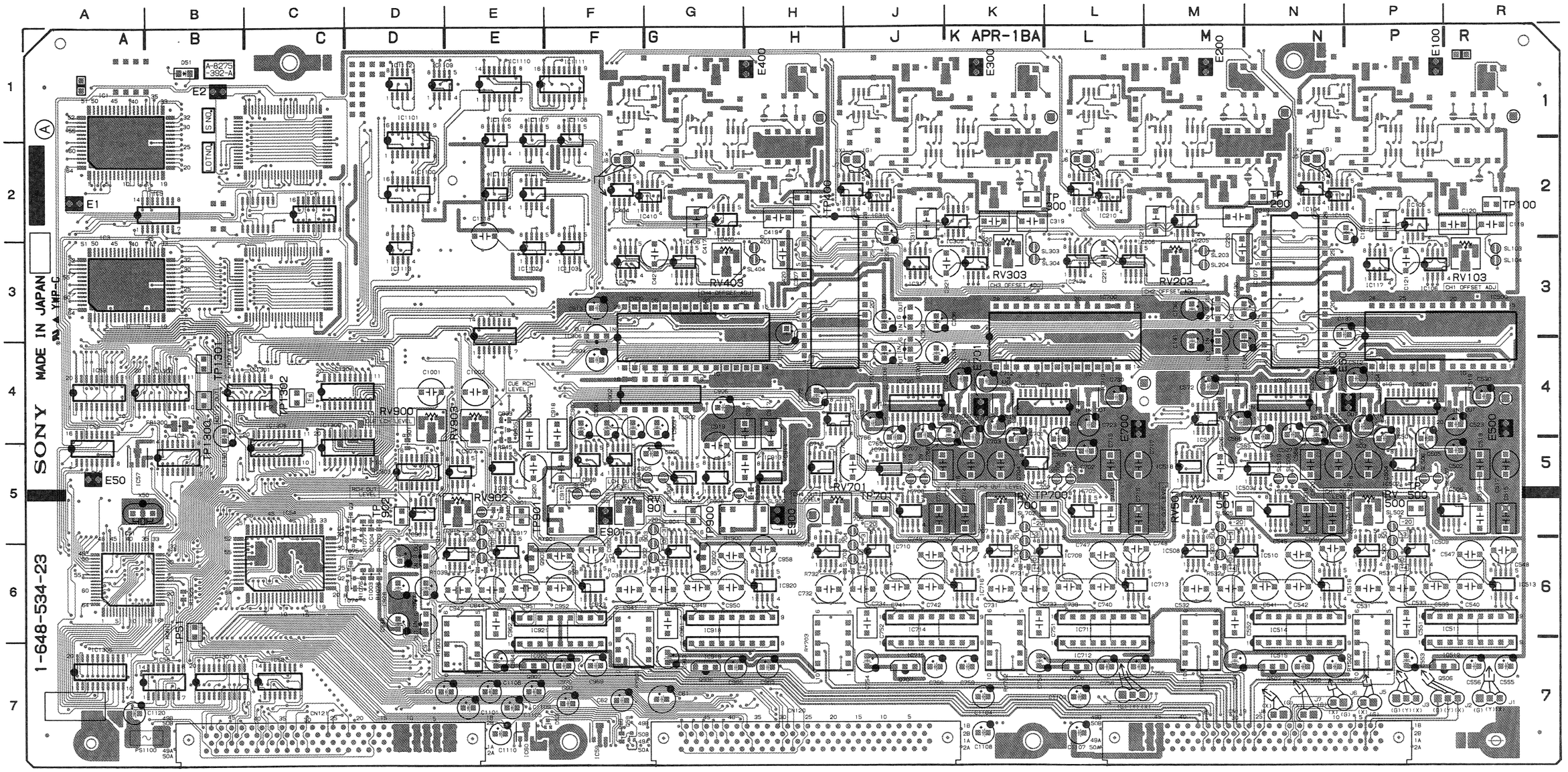
(Board's Lot No. 501 through 909)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)

APR-1BA(1-648-534-23)

CN119	N-7	IC1	A-1	IC712	L-7	✱Q302	J-2	SL702	K-5
CN120	H-7	IC2	B-5	IC713	L-6	✱Q401	F-2	SL703	J-6
CN121	C-7	IC3	A-3	IC714	J-6	✱Q402	G-2	SL704	J-6
		IC4	C-2	IC715	J-7	✱Q500	R-5	SL705	J-5
✱D1	D-2	IC5	B-2	IC716	K-6	✱Q501	N-5	SL706	L-5
✱D2	C-2	IC51	A-6	IC717	H-4	✱Q504	R-4	SL707	L-5
✱D3	C-2	IC52	A-5	IC718	H-5	✱Q505	M-5	SL709	J-5
✱D4	C-2	IC53	A-4	IC719	L-4	Q506	P-7	SL710	J-5
✱D5	C-2	IC54	C-6	IC720	J-4	Q507	N-7	SL900	G-5
✱D6	C-2	IC56	B-7	IC721	J-4	✱Q700	L-5	SL901	E-5
✱D7	C-2	IC57	A-5	IC722	K-4	✱Q701	J-5	SL902	G-6
✱D8	D-2	IC58	C-7	IC900	F-3	✱Q704	L-4	SL903	G-6
✱D50	A-5	IC59	F-7	IC901	D-5	✱Q705	H-5	SL904	G-5
D51	B-1	IC60	E-7	IC902	G-4	Q706	L-7	SL905	E-6
✱D52	F-7	IC104	N-2	IC903	D-5	Q707	J-7	SL906	E-6
D53	F-7	IC105	P-2	IC904	G-5	✱Q900	G-4	SL907	E-5
✱D104	P-3	IC106	P-3	IC905	F-5	✱Q901	E-4	SL908	F-5
✱D105	P-3	IC107	N-3	IC906	F-3	Q902	G-6	SL909	G-5
✱D204	M-3	IC108	M-4	IC907	E-5	Q903	E-6	SL910	F-5
✱D205	M-3	IC109	M-3	IC908	G-5	✱Q904	G-4	SL911	F-5
✱D304	J-3	IC110	N-2	IC909	F-5	Q905	E-4		
✱D305	J-3	IC112	E-3	IC910	D-6	Q906	G-7	TP51	B-6
✱D404	H-3	IC117	P-3	IC911	D-6	Q907	E-7	TP100	R-2
✱D405	H-3	IC204	L-2	IC912	E-5	✱Q1000	D-4	TP200	N-2
✱D500	P-4	IC205	M-2	IC913	H-5	✱Q1001	E-4	TP300	K-2
✱D501	M-4	IC206	L-3	IC914	F-6	✱Q1100	D-2	TP400	H-2
✱D502	P-7	IC210	L-2	IC915	E-6	✱Q1101	D-3	TP500	P-5
✱D503	N-7	IC217	L-3	IC916	G-6	✱Q1103	D-2	TP501	M-5
✱D504	P-6	IC304	J-2	IC917	E-6			TP700	L-5
✱D505	M-6	IC305	K-2	IC918	G-6	✱RB51	A-6	TP701	J-5
✱D506	P-6	IC306	K-3	IC919	G-7	✱RB53	A-4	TP900	G-5
✱D507	M-6	IC307	H-3	IC920	H-6	✱RB54	A-5	TP901	E-5
✱D700	K-4	IC308	J-4	IC921	E-6	✱RB55	C-6	TP902	D-5
✱D701	J-4	IC309	J-3	IC922	E-7			TP1300	B-4
✱D702	L-7	IC310	J-2	IC923	F-6	RV103	R-3	TP1301	B-4
✱D703	J-7	IC317	J-3	IC1100	D-2	RV203	M-3	TP1302	C-4
✱D704	K-6	IC404	F-2	IC1101	D-2	RV303	K-3		
✱D705	H-6	IC405	G-2	IC1102	E-3	RV403	G-3	X50	A-5
✱D706	K-6	IC406	G-3	IC1103	F-3	RV500	P-5		
✱D707	H-6	IC410	F-2	IC1104	E-2	RV501	M-5		
✱D900	D-5	IC417	F-3	IC1105	E-2	RV700	K-5		
✱D903	G-6	IC500	R-3	IC1106	E-2	RV701	H-5		
✱D904	F-6	IC501	P-4	IC1107	E-2	RV900	D-4		
✱D905	G-7	IC502	P-5	IC1108	F-2	RV901	F-5		
✱D906	E-7	IC503	N-5	IC1109	D-1	RV902	E-5		
✱D907	F-6	IC504	P-4	IC1110	E-1	RV903	E-4		
✱D908	E-6	IC505	R-5	IC1111	F-1				
✱D909	F-6	IC506	N-5	IC1112	D-1	RY502	P-7		
✱D910	E-6	IC507	P-6	IC1113	D-3	RY503	M-7		
✱D1100	E-2	IC508	M-6	IC1300	A-4	RY702	K-7		
✱D1101	E-1	IC509	P-6	IC1301	B-4	RY703	H-7		
✱D1102	E-2	IC510	N-6	IC1304	C-4	RY900	G-5		
✱D1103	E-2	IC511	P-6	IC1306	A-7	RY901	F-5		
✱D1104	E-2	IC512	P-7	IC1307	B-7	RY902	F-7		
✱D1105	E-1	IC513	R-6	IC1308	C-5	RY903	E-7		
✱D1106	E-2	IC514	N-6	IC1309	C-5				
✱D1107	E-2	IC515	N-7			SL103	R-3		
✱D1108	F-1	IC516	N-6	PS1100	A-7	SL104	R-3		
✱D1109	F-2	IC517	M-4			SL203	M-3		
		IC518	M-5	Q1	D-6	SL204	M-3		
E1	A-2	IC519	R-4	Q2	D-6	SL303	K-3		
E2	B-1	IC520	N-4	Q3	D-5	SL304	K-3		
E50	A-5	IC521	M-4	Q4	D-5	SL403	H-3		
E100	P-1	IC522	N-4	✱Q54	F-7	SL404	H-3		
E200	M-1	IC700	L-3	✱Q55	F-7	SL500	P-6		
E300	K-1	IC701	K-4	✱Q56	G-7	SL501	P-6		
E400	H-1	IC702	K-5	✱Q57	F-7	SL502	P-5		
E500	R-4	IC703	J-5	✱Q58	F-7	SL503	M-6		
E501	P-4	IC704	K-3	Q59	F-7	SL504	M-6		
E700	L-4	IC705	L-5	✱Q60	G-7	SL505	M-5		
E701	K-4	IC706	J-5	✱Q61	F-7	SL506	P-5		
E900	H-5	IC707	K-6	✱Q101	N-2	SL507	P-5		
E901	F-5	IC708	H-6	✱Q102	P-2	SL509	N-5		
		IC709	K-6	✱Q201	L-2	SL510	N-5		
FB1300	B-4	IC710	J-6	✱Q202	L-2	SL700	K-6		
		IC711	L-6	✱Q301	J-2	SL701	K-6		

✱ : B SIDE

LOT NO. B-2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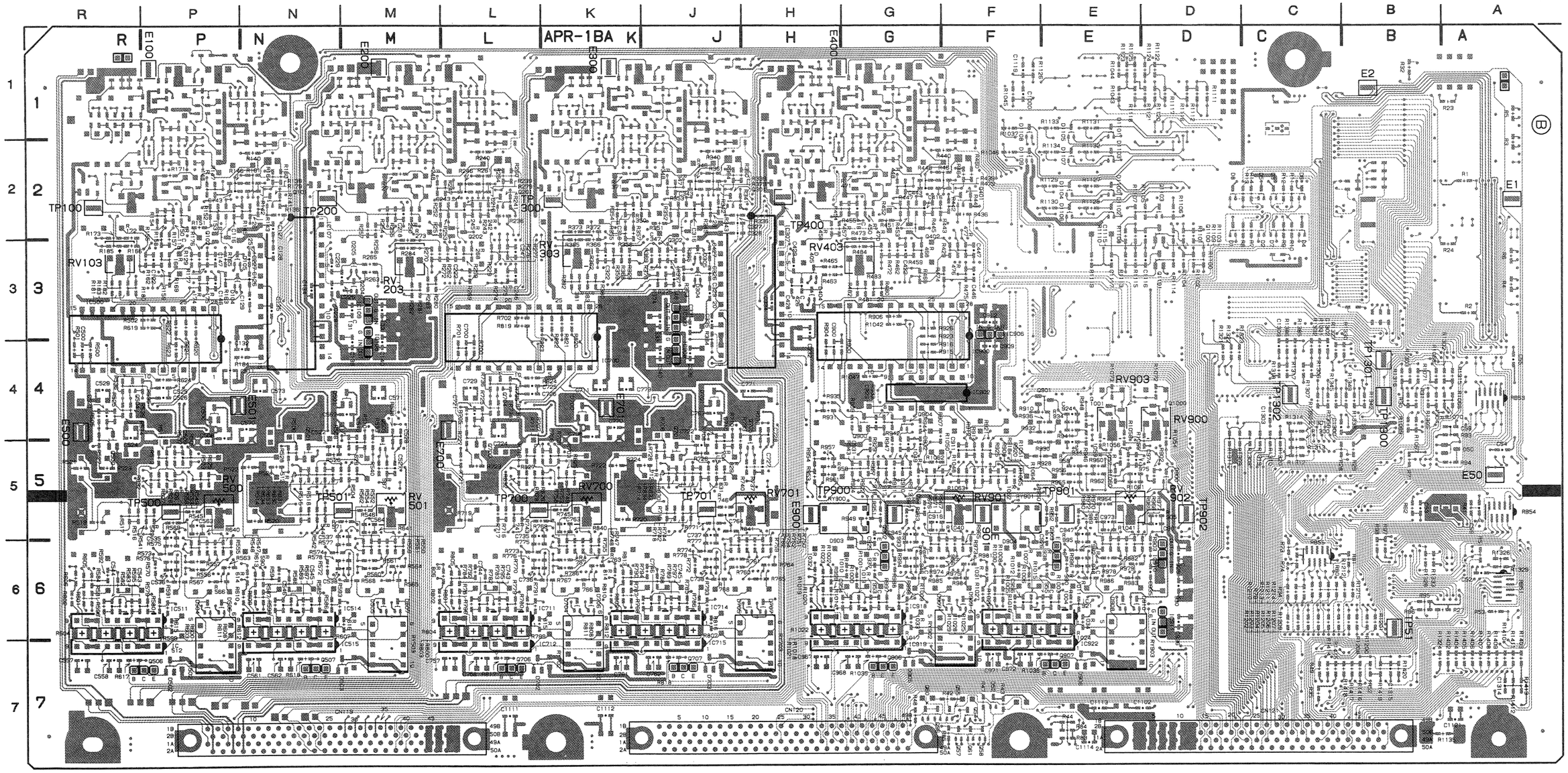


APR-1BA BOARD -B SIDE-

1-648-534-23 (LOT No. 501 - 909)

DVW-A510(J)	; APR-1BA	MCB
DVW-A510(UC)	; APR-1BA	MCB
DVW-A510P(EK)	; APR-1BAP	MCB
DVW-CA510(J)	; APR-1BA	MCB
DVW-CA510(UC)	; APR-1BA	MCB
DVW-CA510P(EK)	; APR-1BAP	MCB

APR-1BA ; Audio signal processor (with LAU interface), D/A, AES/EBU interface

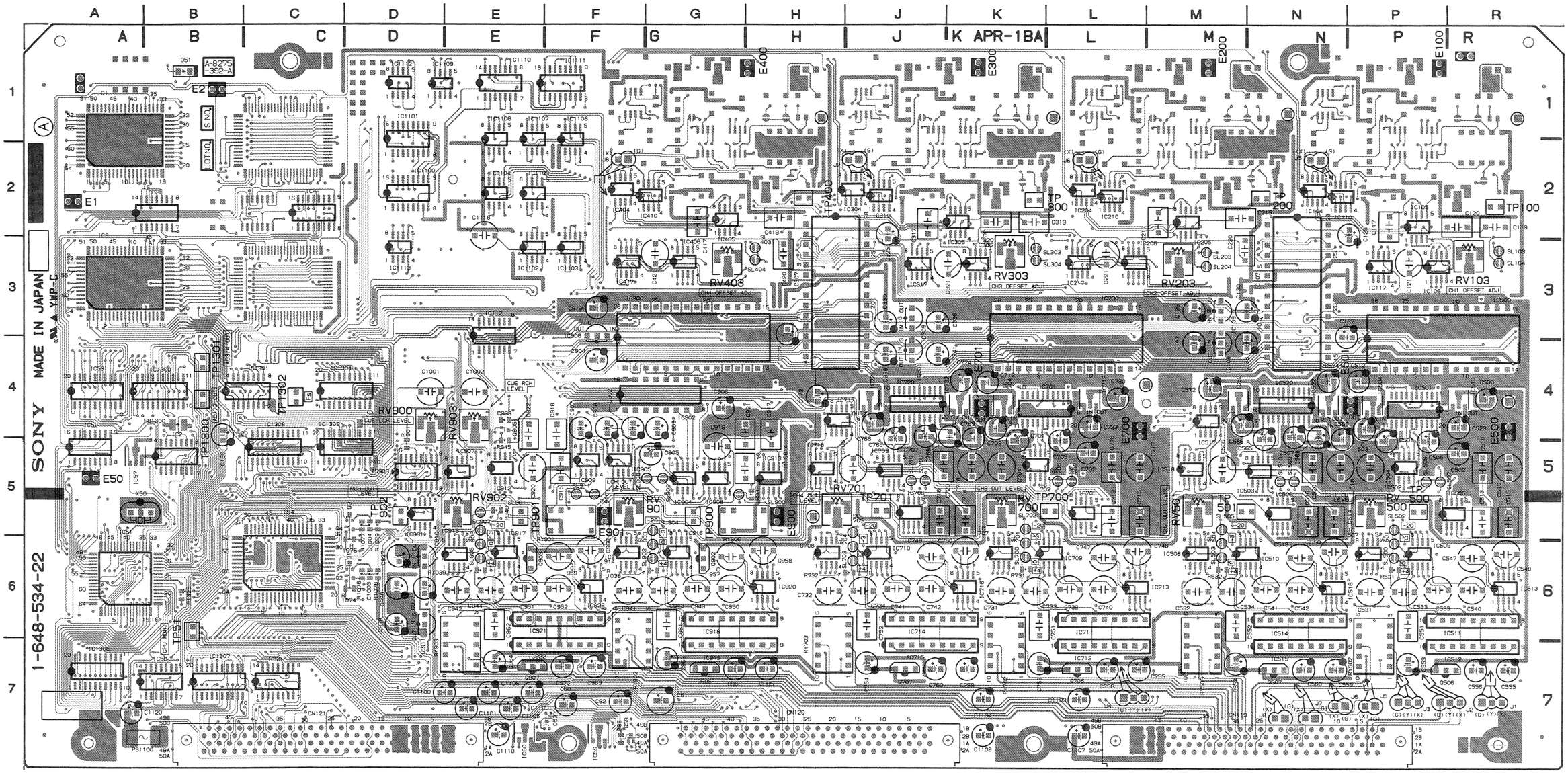
(Board's Lot No. 403 through 412)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

APR-1BA(1-648-534-22)

CN119	N-7	IC1	A-1	IC712	L-7	✱Q302	J-2	SL702	K-5
CN120	H-7	IC2	B-5	IC713	L-6	✱Q401	F-2	SL703	J-6
CN121	C-7	IC3	A-3	IC714	J-6	✱Q402	G-2	SL704	J-6
		IC4	C-2	IC715	J-7	✱Q500	R-5	SL705	J-5
✱D1	D-2	IC5	B-2	IC716	K-6	✱Q501	N-5	SL706	L-5
✱D2	C-2	IC51	A-6	IC717	H-4	✱Q504	R-4	SL707	L-5
✱D3	C-2	IC52	A-5	IC718	H-5	✱Q505	M-5	SL709	J-5
✱D4	C-2	IC53	A-4	IC719	L-4	Q506	P-7	SL710	J-5
✱D5	C-2	IC54	C-6	IC720	J-4	Q507	N-7	SL900	G-5
✱D6	C-2	IC56	B-7	IC721	J-4	✱Q700	L-5	SL901	E-5
✱D7	C-2	IC57	A-5	IC722	K-4	✱Q701	J-5	SL902	G-6
✱D8	D-2	IC58	C-7	IC900	F-3	✱Q704	L-4	SL903	G-6
✱D50	A-5	IC59	F-7	IC901	D-5	✱Q705	H-5	SL904	G-5
D51	B-1	IC60	E-7	IC902	G-4	Q706	L-7	SL905	E-6
✱D52	F-7	IC104	N-2	IC903	D-5	Q707	J-7	SL906	E-6
D53	F-7	IC105	P-2	IC904	G-5	✱Q900	G-4	SL907	E-5
✱D104	P-3	IC106	P-3	IC905	F-5	✱Q901	E-4	SL908	F-5
✱D105	P-3	IC107	N-3	IC906	F-3	Q902	G-6	SL909	G-5
✱D204	M-3	IC108	M-4	IC907	E-5	Q903	E-6	SL910	F-5
✱D205	M-3	IC109	M-3	IC908	G-5	✱Q904	G-4	SL911	F-5
✱D304	J-3	IC110	N-2	IC909	F-5	Q905	E-4		
✱D305	J-3	IC112	E-3	IC910	D-6	Q906	G-7	TP51	B-6
✱D404	H-3	IC117	P-3	IC911	D-6	Q907	E-7	TP100	R-2
✱D405	H-3	IC204	L-2	IC912	E-5	✱Q1000	D-4	TP200	N-2
✱D500	P-4	IC205	M-2	IC913	H-5	✱Q1001	E-4	TP300	K-2
✱D501	M-4	IC206	L-3	IC914	F-6	✱Q1100	D-2	TP400	H-2
✱D502	P-7	IC210	L-2	IC915	E-6	✱Q1101	D-3	TP500	P-5
✱D503	N-7	IC217	L-3	IC916	G-6	✱Q1103	D-2	TP501	M-5
✱D504	P-6	IC304	J-2	IC917	E-6			TP700	L-5
✱D505	M-6	IC305	K-2	IC918	G-6	✱RB51	A-6	TP701	J-5
✱D506	P-6	IC306	K-3	IC919	G-7	✱RB53	A-4	TP900	G-5
✱D507	M-6	IC307	H-3	IC920	H-6	✱RB54	A-5	TP901	E-5
✱D700	K-4	IC308	J-4	IC921	E-6	✱RB55	C-6	TP902	D-5
✱D701	J-4	IC309	J-3	IC922	E-7			TP1300	B-4
✱D702	L-7	IC310	J-2	IC923	F-6	RV103	R-3	TP1301	B-4
✱D703	J-7	IC317	J-3	IC1100	D-2	RV203	M-3	TP1302	C-4
✱D704	K-6	IC404	F-2	IC1101	D-2	RV303	K-3		
✱D705	H-6	IC405	G-2	IC1102	E-3	RV403	G-3	X50	A-5
✱D706	K-6	IC406	G-3	IC1103	F-3	RV500	P-5		
✱D707	H-6	IC410	F-2	IC1104	E-2	RV501	M-5		
✱D900	D-5	IC417	F-3	IC1105	E-2	RV700	K-5		
✱D903	G-6	IC500	R-3	IC1106	E-2	RV701	H-5		
✱D904	F-6	IC501	P-4	IC1107	E-2	RV900	D-4		
✱D905	G-7	IC502	P-5	IC1108	F-2	RV901	F-5		
✱D906	E-7	IC503	N-5	IC1109	D-1	RV902	E-5		
✱D907	F-6	IC504	P-4	IC1110	E-1	RV903	E-4		
✱D908	E-6	IC505	R-5	IC1111	F-1				
✱D909	F-6	IC506	N-5	IC1112	D-1	RY502	P-7		
✱D910	E-6	IC507	P-6	IC1113	D-3	RY503	M-7		
✱D1100	E-2	IC508	M-6	IC1300	A-4	RY702	K-7		
✱D1101	E-1	IC509	P-6	IC1301	B-4	RY703	H-7		
✱D1102	E-2	IC510	N-6	IC1304	C-4	RY900	G-5		
✱D1103	E-2	IC511	P-6	IC1306	A-7	RY901	F-5		
✱D1104	E-2	IC512	P-7	IC1307	B-7	RY902	F-7		
✱D1105	E-1	IC513	R-6	IC1308	C-5	RY903	E-7		
✱D1106	E-2	IC514	N-6	IC1309	C-5				
✱D1107	E-2	IC515	N-7			SL103	R-3		
✱D1108	F-1	IC516	N-6	PS1100	A-7	SL104	R-3		
✱D1109	F-2	IC517	M-4			SL203	M-3		
		IC518	M-5	Q1	D-6	SL204	M-3		
E1	A-2	IC519	R-4	Q2	D-6	SL303	K-3		
E2	B-1	IC520	N-4	Q3	D-5	SL304	K-3		
E50	A-5	IC521	M-4	Q4	D-5	SL403	H-3		
E100	P-1	IC522	N-4	✱Q54	F-7	SL404	H-3		
E200	M-1	IC700	L-3	✱Q55	F-7	SL500	P-6		
E300	K-1	IC701	K-4	✱Q56	G-7	SL501	P-6		
E400	H-1	IC702	K-5	✱Q57	F-7	SL502	P-5		
E500	R-4	IC703	J-5	✱Q58	F-7	SL503	M-6		
E501	P-4	IC704	K-3	Q59	F-7	SL504	M-6		
E700	L-4	IC705	L-5	✱Q60	G-7	SL505	M-5		
E701	K-4	IC706	J-5	✱Q61	F-7	SL506	P-5		
E900	H-5	IC707	K-6	✱Q101	N-2	SL507	P-5		
E901	F-5	IC708	H-6	✱Q102	P-2	SL509	N-5		
		IC709	K-6	✱Q201	L-2	SL510	N-5		
FB1300	B-4	IC710	J-6	✱Q202	L-2	SL700	K-6		
		IC711	L-6	✱Q301	J-2	SL701	K-6		

✱ : B SIDE

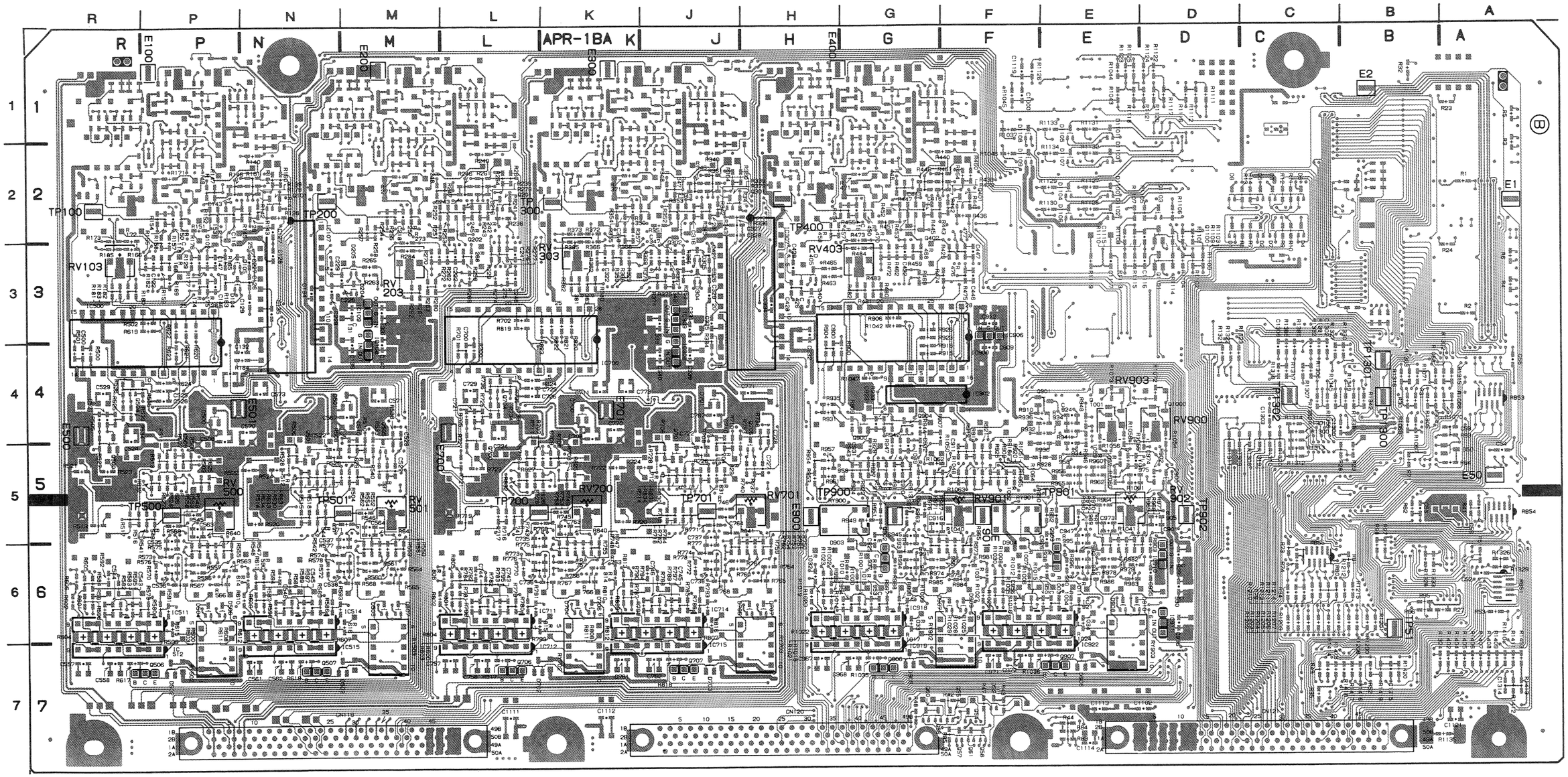
LOT NO. B-2



APR-1BA BOARD -A SIDE-

1-648-534-22 (LOT No. 403 - 412)

DVW-A510(J)	; APR-1BA	MCB
DVW-A510(UC)	; APR-1BA	MCB
DVW-A510P(EK)	; APR-1BAP	MCB
DVW-CA510(UC)	; APR-1BA	MCB
DVW-CA510P(EK)	; APR-1BAP	MCB



APR-1BA BOARD -B SIDE-

1-648-534-22 (LOT No. 403 - 412)

DVW-A510(J)	; APR-1BA	MCB
DVW-A510(UC)	; APR-1BA	MCB
DVW-A510P(EK)	; APR-1BAP	MCB
DVW-CA510(UC)	; APR-1BA	MCB
DVW-CA510P(EK)	; APR-1BAP	MCB

APR-1BA ; Audio signal processor(with LAU interface), D/A, AES/EBU interface

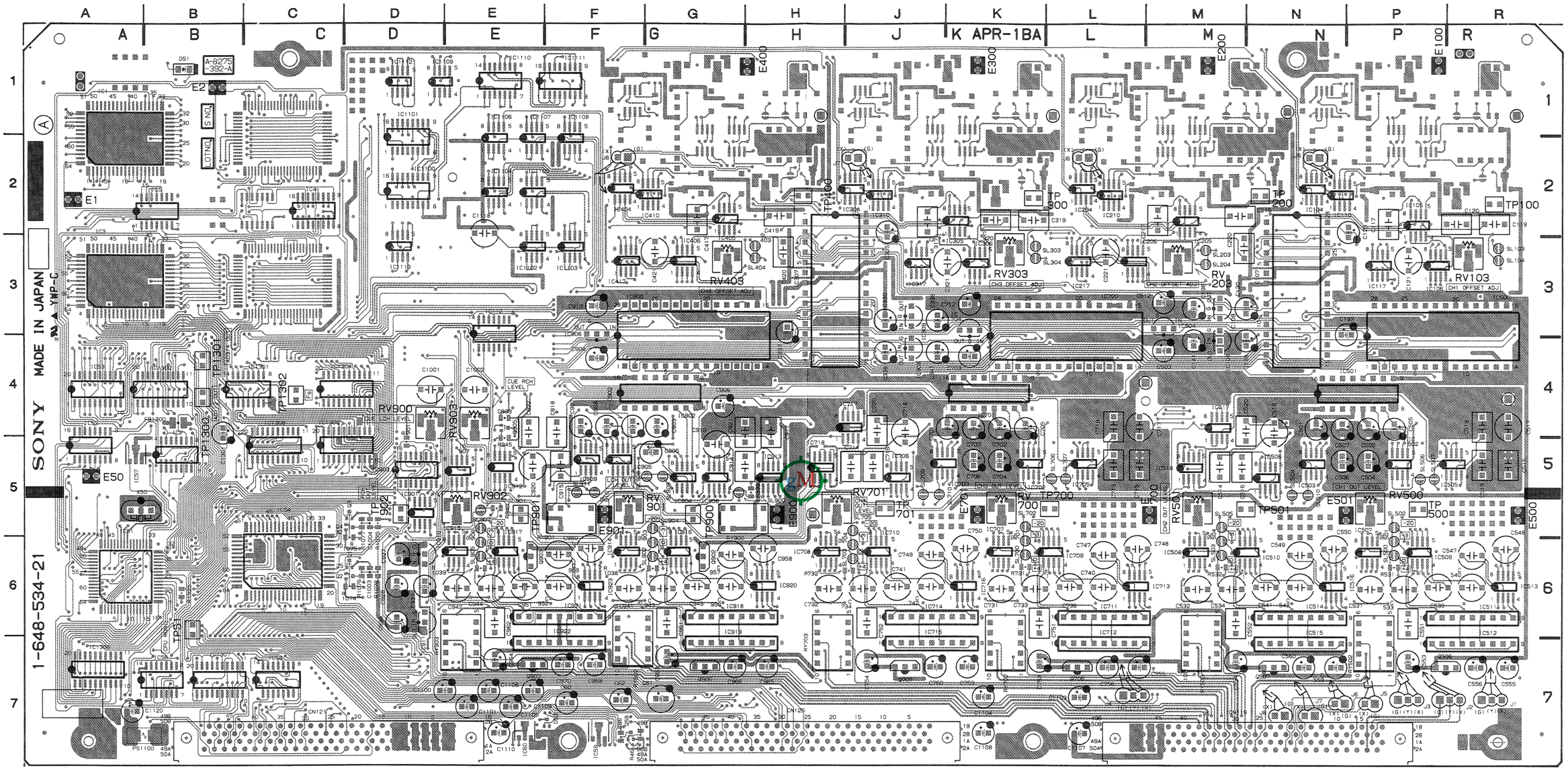
(Board's Lot No. 307 through 402)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

APR-1BA(1-648-534-21)

CN119	N-7	IC5	B-2	IC901	D-5	✱Q705	H-5	SL904	G-5
CN120	H-7	IC51	A-6	IC902	F-4	Q706	L-7	SL905	E-6
CN121	C-7	IC52	A-5	IC903	D-5	Q707	J-7	SL906	E-6
		IC53	A-4	IC904	G-5	✱Q900	G-4	SL907	E-5
✱D1	D-2	IC54	C-6	IC905	F-5	✱Q901	F-4	SL908	F-5
✱D2	C-2	IC56	B-7	IC906	F-3	Q902	G-6	SL909	G-5
✱D3	C-2	IC57	A-5	IC907	E-5	Q903	E-6	SL910	F-5
✱D4	C-2	IC58	C-7	IC908	G-5	✱Q904	G-4	SL911	F-5
✱D5	C-2	IC59	F-7	IC909	F-5	Q905	E-4		
✱D6	C-2	IC60	E-7	IC910	D-6	Q906	G-7	TP51	B-6
✱D7	C-2	IC104	N-2	IC911	D-6	Q907	E-7	TP100	R-2
✱D8	D-2	IC105	P-2	IC912	E-5	✱Q1000	D-4	TP200	N-2
✱D50	A-5	IC106	P-3	IC913	H-5	✱Q1001	E-4	TP300	K-2
D51	B-1	IC107	N-3	IC914	F-6	✱Q1100	D-2	TP400	H-2
✱D52	F-7	IC108	M-4	IC915	E-6	✱Q1101	D-3	TP500	P-5
D53	F-7	IC109	M-3	IC916	G-6	✱Q1103	D-2	TP501	N-5
✱D104	P-3	IC110	N-2	IC917	E-6			TP700	L-5
✱D105	P-3	IC112	E-3	IC918	G-6	✱RB51	A-6	TP701	J-5
✱D204	M-3	IC117	P-3	IC919	G-7	✱RB53	A-4	TP900	G-5
✱D205	M-3	IC204	L-2	IC920	H-6	✱RB54	A-5	TP901	E-5
✱D304	J-3	IC205	M-2	IC921	E-6	✱RB55	C-6	TP902	D-5
✱D305	J-3	IC206	L-3	IC922	E-7			TP1300	B-4
✱D404	H-3	IC210	L-2	IC923	F-6	RV103	R-3	TP1301	B-4
✱D405	H-3	IC217	L-3	IC1100	D-2	RV203	M-3	TP1302	C-4
✱D502	P-7	IC304	J-2	IC1101	D-2	RV303	K-3		
✱D503	N-7	IC305	K-2	IC1102	E-3	RV403	G-3	X50	A-5
✱D504	P-6	IC306	K-3	IC1103	F-3	RV500	P-5		
✱D505	M-6	IC307	H-3	IC1104	E-2	RV501	M-5		
✱D506	P-6	IC308	J-4	IC1105	E-2	RV700	K-5		
✱D507	M-6	IC309	J-3	IC1106	E-2	RV701	H-5		
✱D702	L-7	IC310	J-2	IC1107	E-2	RV900	D-4		
✱D703	J-7	IC317	J-3	IC1108	F-2	RV901	F-5		
✱D704	K-6	IC404	F-2	IC1109	D-1	RV902	E-5		
✱D705	H-6	IC405	G-2	IC1110	E-1	RV903	E-4		
✱D706	K-6	IC406	G-3	IC1111	F-1				
✱D707	H-6	IC410	F-2	IC1112	D-1	RY502	P-7		
✱D900	D-5	IC417	F-3	IC1113	D-3	RY503	M-7		
✱D903	G-6	IC500	R-3	IC1300	A-4	RY702	K-7		
✱D904	F-6	IC501	N-4	IC1301	B-4	RY703	H-7		
✱D905	G-7	IC502	P-5	IC1304	C-4	RY900	G-5		
✱D906	E-7	IC503	N-5	IC1306	A-7	RY901	F-5		
✱D907	F-6	IC504	M-3	IC1307	B-7	RY902	F-7		
✱D908	E-6	IC505	R-5	IC1308	C-5	RY903	E-7		
✱D909	F-6	IC506	N-5	IC1309	C-5				
✱D910	E-6	IC507	P-6			SL103	R-3		
✱D1100	E-2	IC508	M-6	PS1100	A-7	SL104	R-3		
✱D1101	E-1	IC509	P-6			SL203	M-3		
✱D1102	E-2	IC510	N-6	Q1	D-6	SL204	M-3		
✱D1103	E-2	IC511	P-6	Q2	D-6	SL303	K-3		
✱D1104	E-2	IC512	P-7	Q3	D-5	SL304	K-3		
✱D1105	E-1	IC513	R-6	Q4	D-5	SL403	H-3		
✱D1106	E-2	IC514	N-6	✱Q54	F-7	SL404	H-3		
✱D1107	E-2	IC515	N-7	✱Q55	F-7	SL500	P-6		
✱D1108	F-1	IC516	N-6	✱Q56	G-7	SL501	P-6		
✱D1109	F-2	IC517	M-4	✱Q57	F-7	SL502	P-5		
		IC518	M-5	✱Q58	F-7	SL503	M-6		
E1	A-2	IC700	L-3	Q59	F-7	SL504	M-6		
E2	B-1	IC701	K-4	✱Q60	G-7	SL505	M-5		
E50	A-5	IC702	K-5	✱Q61	F-7	SL506	P-5		
E100	P-1	IC703	J-5	✱Q101	N-2	SL507	P-5		
E200	M-1	IC704	K-3	✱Q102	P-2	SL509	N-5		
E300	K-1	IC705	L-5	✱Q201	L-2	SL510	N-5		
E400	H-1	IC706	J-5	✱Q202	L-2	SL700	K-6		
E500	R-5	IC707	K-6	✱Q301	J-2	SL701	K-6		
E501	P-5	IC708	H-6	✱Q302	J-2	SL702	K-5		
E700	M-5	IC709	K-6	✱Q401	F-2	SL703	J-6		
E701	K-5	IC710	J-6	✱Q402	G-2	SL704	J-6		
E900	H-5	IC711	L-6	✱Q500	R-4	SL705	J-5		
E901	F-5	IC712	L-7	✱Q501	M-5	SL706	L-5		
		IC713	L-6	✱Q504	P-4	SL707	L-5		
FB1300	B-4	IC714	J-6	✱Q505	M-5	SL709	J-5		
		IC715	J-7	Q506	P-7	SL710	J-5		
IC1	A-1	IC716	K-6	Q507	N-7	SL900	G-5		
IC2	B-5	IC717	H-4	✱Q700	L-4	SL901	E-5		
IC3	A-3	IC718	H-5	✱Q701	J-5	SL902	G-6		
IC4	C-2	IC900	F-3	✱Q704	L-4	SL903	G-6		

✱ : B SIDE

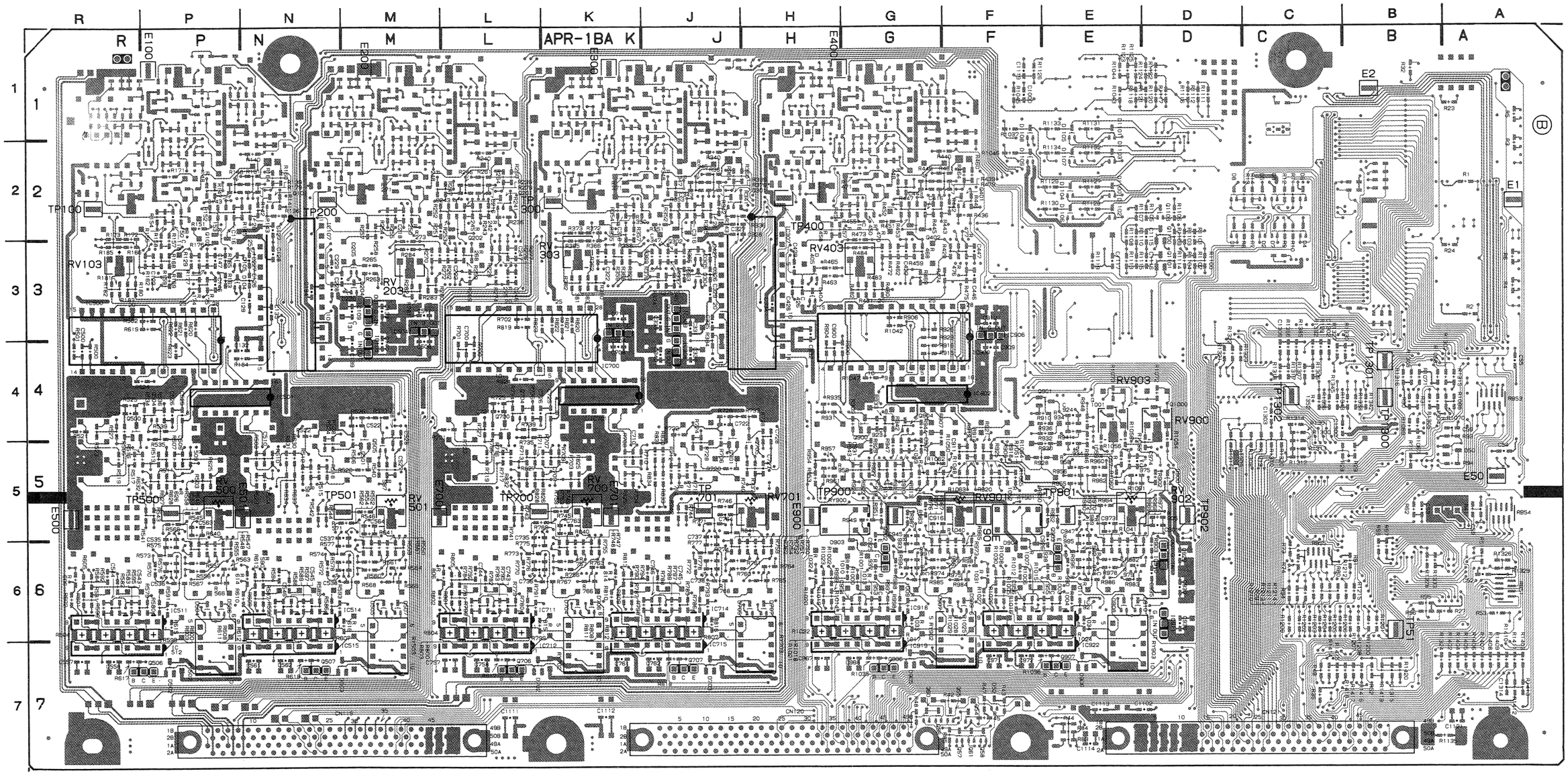
LOT NO. B-2



APR-1BA BOARD -A SIDE-

1-648-534-21 (LOT No. 307 - 402)

DVW-A510(J)	; APR-1BA	MCB
DVW-A510(UC)	; APR-1BA	MCB
DVW-A510P(EK)	; APR-1BAP	MCB
DVW-CA510(UC)	; APR-1BA	MCB
DVW-CA510P(EK)	; APR-1BAP	MCB



APR-1BA BOARD -B SIDE-

1-648-534-21 (LOT No. 307 - 402)

DVW-A510(J)	; APR-1BA	MCB
DVW-A510(UC)	; APR-1BA	MCB
DVW-A510P(EK)	; APR-1BAP	MCB
DVW-CA510(UC)	; APR-1BA	MCB
DVW-CA510P(EK)	; APR-1BAP	MCB

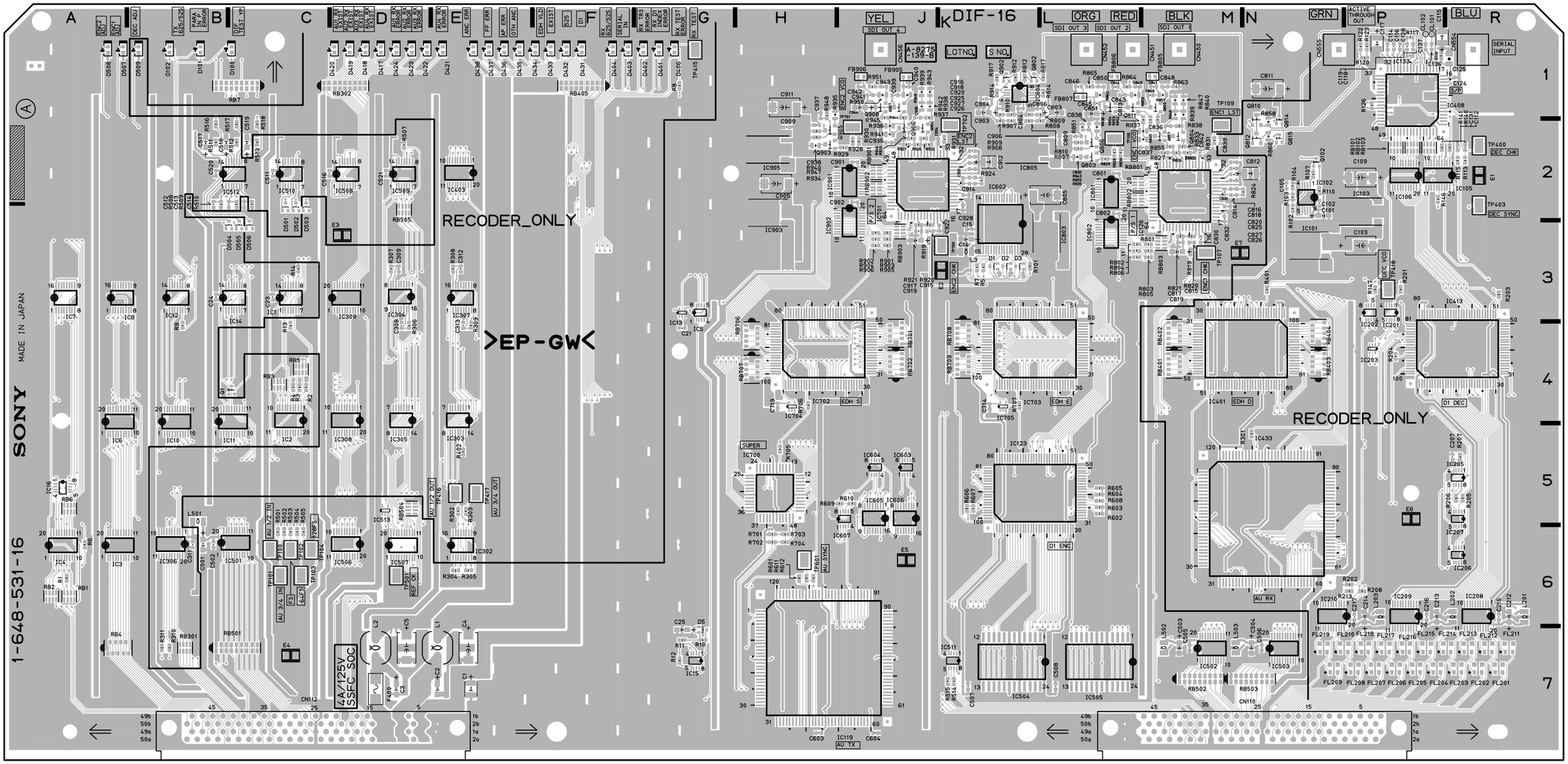
DIF-16 ; 4 : 2 : 2 component serial digital I/O interface with Embedded audio

(Board's Lot No. 907 and higher)
All DVWs

DIF-16 (1-648-531-16)

CL101	P1	FL207	P7	IC905	H2
CL102	P1	FL208	P7		
		FL209	N7	Q1	C4
CN110	N7	FL210	P7	Q102	N2
CN112	C7	FL211	R7	Q103	*P2
CN450	M1	FL212	R7	Q104	*P1
CN451	L1	FL213	R7	Q105	*N2
CN452	L1	FL214	R7	Q106	*N1
CN456	J1	FL215	P7	Q802	K1
CN554	R1	FL216	P7	Q803	L2
CN555	N1	FL217	P7	Q804	M2
		FL218	P7	Q805	*M2
D1	K3	FL219	N7	Q806	L2
D2	K3			Q807	M2
D3	K3	IC1	C3	Q808	*M2
D5	G7	IC2	C4	Q809	M1
D6	*C3	IC3	A6	Q810	N2
D100	C1	IC4	A6	Q811	L1
D101	B1	IC5	G3	Q812	N2
D102	B1	IC6	A5	Q813	L1
D401	G1	IC7	A3	Q814	N2
D402	G1	IC8	A3	Q815	N2
D403	F1	IC10	B5	Q902	K1
D404	F1	IC11	B5	Q903	H2
D406	G1	IC12	B3	Q904	J2
D417	D1	IC13	G3	Q905	H2
D418	D1	IC14	B3	Q906	J2
D419	D1	IC15	G7	Q907	J1
D420	D1	IC16	A5	Q908	J1
D421	E1	IC101	N3		
D422	D1	IC102	N2	RB1	A6
D423	D1	IC103	P2	RB2	A6
D424	D1	IC105	R2	RB3	C4
D431	F1	IC106	P2	RB4	A7
D432	F1	IC119	H7	RB5	C4
D433	F1	IC123	K5	RB6	A5
D434	F1	IC126	M2	RB7	C1
D435	E1	IC201	P3	RB101	P2
D436	E1	IC202	P3	RB102	P2
D437	E1	IC203	P4	RB103	P2
D438	E1	IC205	R5	RB301	B7
D501	C2	IC206	R6	RB302	D1
D502	C2	IC207	R5	RB401	M4
D503	C2	IC208	R6	RB402	M4
D504	C3	IC209	P6	RB403	N4
D505	C3	IC210	P6	RB404	N4
D506	C3	IC302	E6	RB405	F1
D507	A1	IC303	E4	RB501	C7
D508	A1	IC304	D3	RB502	M7
D509	B1	IC305	D4	RB503	N7
		IC306	B6	RB504	D5
E1	R2	IC307	E3	RB505	D2
E2	K3	IC308	D4	RB701	J4
E3	D3	IC309	D3	RB702	J4
E4	C7	IC401	N4	RB703	*J4
E5	J6	IC403	E2	RB704	*H4
E6	P5	IC408	P1	RB705	*H4
E7	M3	IC413	R4	RB706	H4
E8	*R2	IC433	N5	RB707	H4
E9	*F4	IC501	B6	RB708	K4
E10	*A7	IC502	M7	RB709	K4
E11	*R7	IC503	N7	RB710	*L4
E12	*A1	IC504	L7	RB711	*K4
		IC505	L7	RB712	*K4
F400	D7	IC506	D6	RB801	L2
		IC507	D6	RB802	L2
FB101	*N2	IC508	D2	RB803	M3
FB102	*P1	IC509	D2	RB901	J2
FB103	*P1	IC510	C2	RB902	J2
FB104	*P1	IC511	K7	RB903	J3
FB105	*N2	IC512	B2		
FB106	*N2	IC513	D5	TP100	C6
FB107	*N1	IC602	K2	TP101	C6
FB801	*L1	IC603	J5	TP102	C6
FB802	*M2	IC604	J5	TP103	C6
FB803	*M2	IC605	J5	TP104	C6
FB804	*L1	IC606	J5	TP107	M3
FB805	M1	IC607	J5	TP108	L2
FB806	L1	IC700	H5	TP109	M2
FB807	L1	IC701	J2	TP400	R2
FB901	*K1	IC702	H4	TP403	R2
FB902	*J2	IC703	K4	TP415	G1
FB903	*J2	IC704	H4	TP416	E5
FB904	*J1	IC705	K4	TP417	E5
FB905	J1	IC801	L2	TP418	P3
FB906	J1	IC802	L3	TP501	D6
FL201	R7	IC803	L3	TP601	H6
FL202	R7	IC804	K1	TP700	K3
FL203	R7	IC805	K2	TP701	J2
FL204	P7	IC901	J2	TP702	K2
FL205	P7	IC902	J2		
FL206	P7	IC903	H2	*:B SIDE	

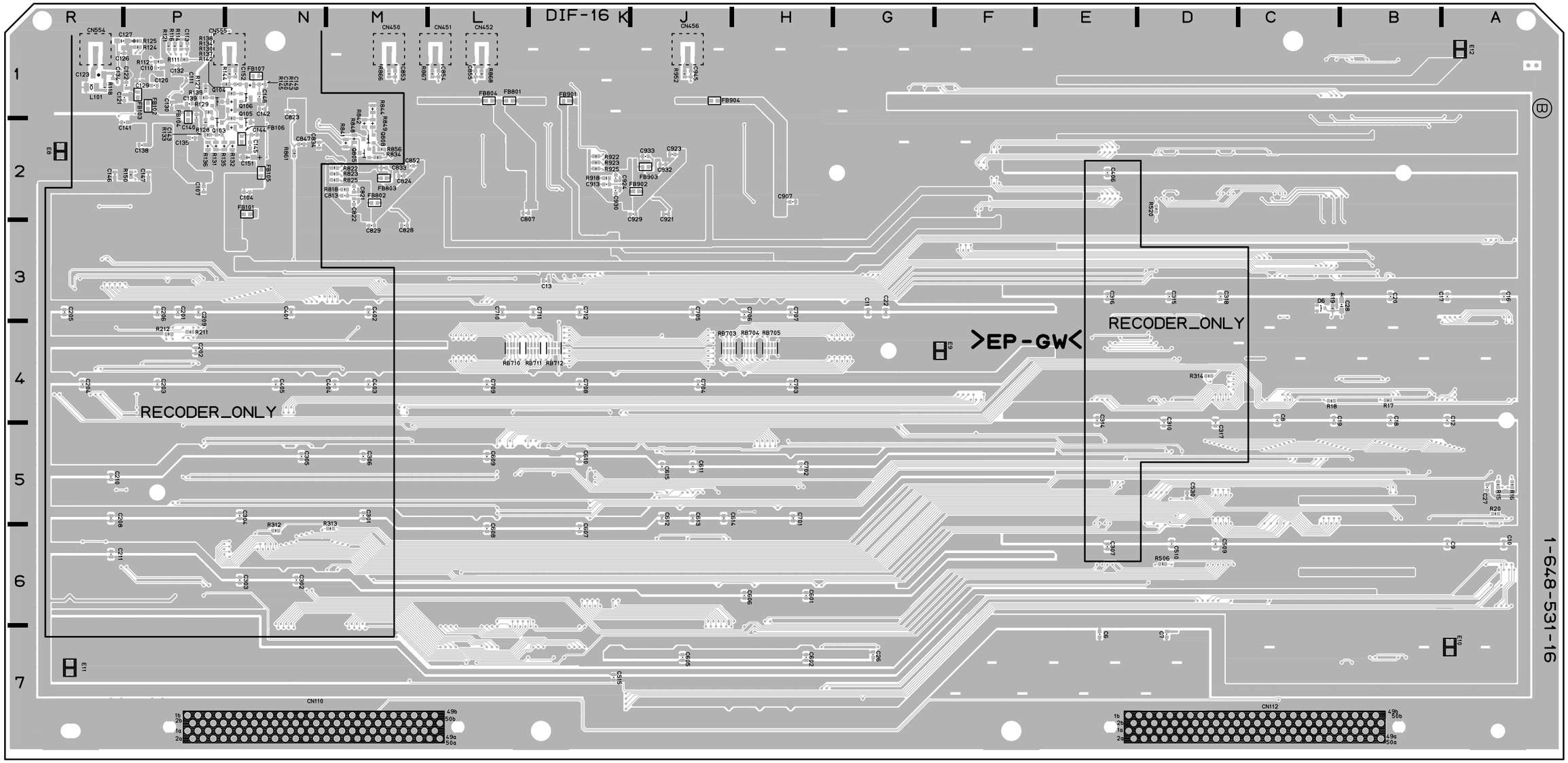
1-25 (d)



DIF-16 BOARD -A SIDE-

1-648-531-16 (LOT No. 907 -)

DVW-A500(J)	; DIF-16	MCB
DVW-A500(UC)	; DIF-16	MCB
DVW-A500P(EK)	; DIF-16	MCB
DVW-A500P(UC)	; DIF-16	MCB
DVW-500(J)	; DIF-16	MCB
DVW-500(UC)	; DIF-16	MCB
DVW-500P(EK)	; DIF-16	MCB
DVW-500P(UC)	; DIF-16	MCB
DVW-A510(J)	; DIF-16B	MCB
DVW-A510(UC)	; DIF-16B	MCB
DVW-A510P(EK)	; DIF-16B	MCB
DVW-510(J)	; DIF-16B	MCB
DVW-510(UC)	; DIF-16B	MCB
DVW-510P(EK)	; DIF-16B	MCB
DVW-CA510(J)	; DIF-16B	MCB
DVW-CA510(UC)	; DIF-16B	MCB
DVW-CA510P(EK)	; DIF-16B	MCB



DIF-16 BOARD -B SIDE-

1-648-531-16 (LOT No. 907 -)

DVW-A500(J)	; DIF-16	MCB
DVW-A500(UC)	; DIF-16	MCB
DVW-A500P(EK)	; DIF-16	MCB
DVW-A500P(UC)	; DIF-16	MCB
DVW-500(J)	; DIF-16	MCB
DVW-500(UC)	; DIF-16	MCB
DVW-500P(EK)	; DIF-16	MCB
DVW-500P(UC)	; DIF-16	MCB
DVW-A510(J)	; DIF-16B	MCB
DVW-A510(UC)	; DIF-16B	MCB
DVW-A510P(EK)	; DIF-16B	MCB
DVW-510(J)	; DIF-16B	MCB
DVW-510(UC)	; DIF-16B	MCB
DVW-510P(EK)	; DIF-16B	MCB
DVW-CA510(J)	; DIF-16B	MCB
DVW-CA510(UC)	; DIF-16B	MCB
DVW-CA510P(EK)	; DIF-16B	MCB

DIF-16 ; 4 : 2 : 2 component serial digital I/O interface with Embedded audio

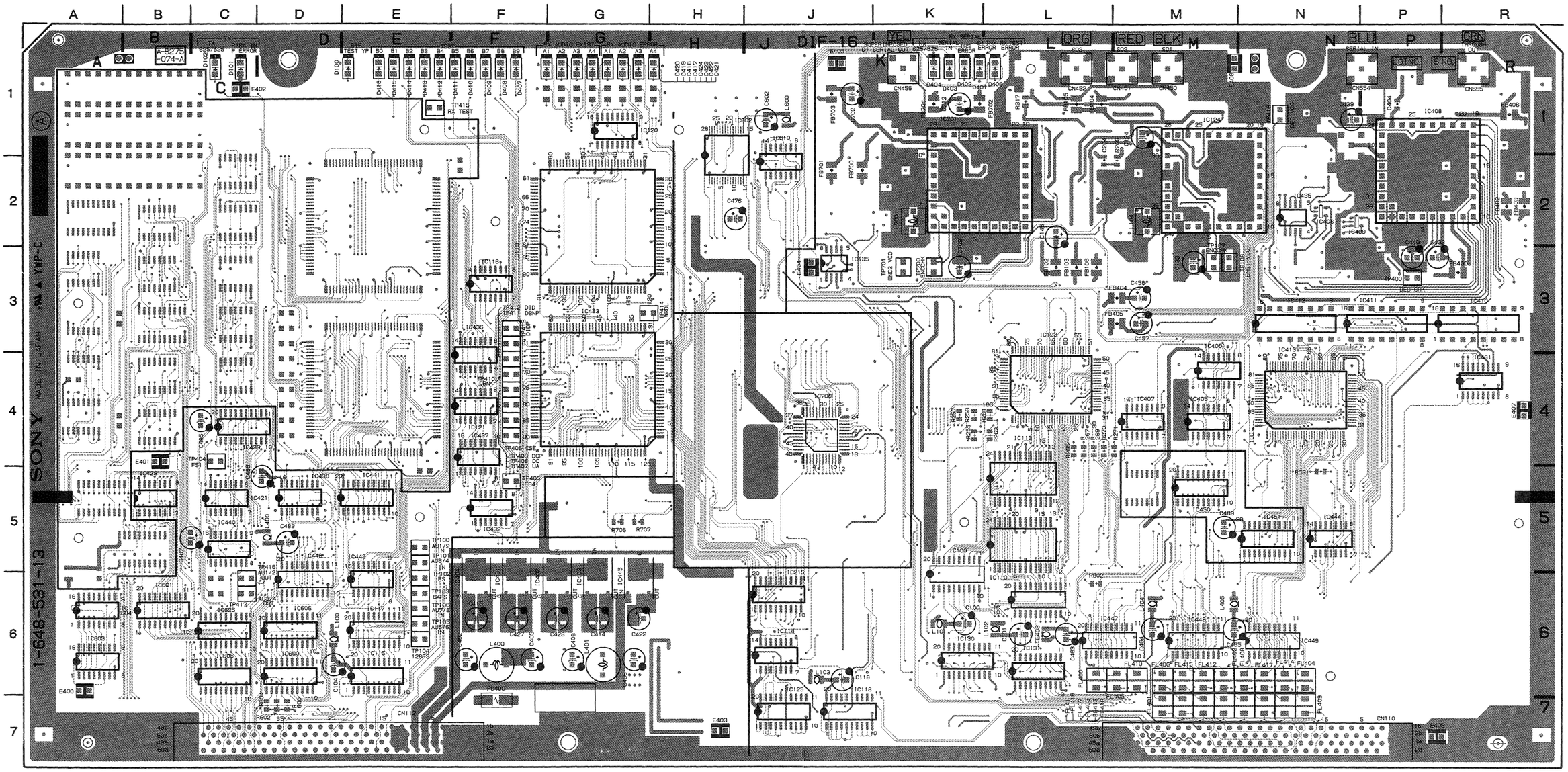
(Board's Lot No. 411 through 906)
All recorder models

DIF-16(1-648-531-13)

CN1	J-5	FB703	J-1	IC446	D-6	TP107	M-3
CN2	J-3	FB704	K-1	IC447	L-6	TP108	M-3
CN3	H-2			IC448	M-6	TP400	P-3
CN110	N-7	FL400	L-6	IC449	N-6	TP404	C-4
CN112	D-7	FL401	M-7	IC450	M-5	TP405	F-5
CN450	M-1	FL402	M-6	IC451	N-5	TP406	F-4
CN451	M-1	FL403	N-7	IC461	R-4	TP407	F-4
CN452	L-1	FL404	N-6	IC600	D-6	TP408	F-4
CN456	K-1	FL405	M-6	IC601	B-6	TP409	F-4
CN554	P-1	FL406	M-6	IC602	H-2	TP410	F-4
CN555	R-1	FL407	M-7	IC603	A-6	TP411	F-2
		FL408	N-6	IC604	A-6	TP412	F-3
D100	E-1	FL409	N-7	IC605	C-6	TP413	F-3
D101	C-1	FL410	M-6	IC606	D-6	TP414	H-2
D102	C-1	FL411	M-7	IC610	J-2	TP415	E-1
✱D103	M-1	FL412	M-6	IC625	C-6	TP416	C-6
✱D400	R-3	FL413	N-7	IC700	J-4	TP417	C-6
D401	K-1	FL414	N-6	IC701	K-2	TP418	N-1
D402	K-1	FL415	M-6			TP700	K-3
D403	K-1	FL416	M-7	PS400	F-7	TP701	K-3
D404	K-1	FL417	N-6				
✱D405	H-2	FL418	N-7	✱Q100	M-1		
D406	L-1			✱Q101	M-2		
D407	F-1	IC100	K-6	✱Q102	L-2		
D408	F-1	IC101	L-6	✱Q103	M-2		
D409	F-1	IC110	L-5	✱Q104	M-2		
D410	F-1	IC113	L-5	✱Q105	M-3		
D411	F-1	IC114	J-6	✱Q106	M-3		
D412	E-1	IC115	E-6	✱Q107	M-1		
D413	E-1	IC116	F-3	✱Q108	L-1		
D414	E-1	IC117	E-6	✱Q109	M-1		
D415	E-1	IC118	J-7	✱Q110	M-1		
D416	E-1	IC119	G-2	✱Q111	L-1		
D417	G-1	IC120	G-1	✱Q112	L-1		
D418	G-1	IC121	F-4	✱Q114	L-1		
D419	G-1	IC123	L-4	✱Q115	N-3		
D420	G-1	IC124	M-2	✱Q116	N-3		
D421	H-1	IC125	J-7	✱Q118	L-3		
D422	G-1	IC130	K-6	✱Q119	L-3		
D423	G-1	IC131	L-6	✱Q300	N-3		
D424	G-1	IC135	J-3	✱Q400	N-2		
✱D600	J-1	IC215	J-6	✱Q401	P-3		
✱D601	H-1	IC400	M-4	✱Q402	P-3		
✱D602	H-1	IC401	F-6	✱Q403	P-1		
✱D700	K-1	IC402	G-6	✱Q404	N-1		
		IC403	G-6	✱Q405	N-2		
E400	A-6	IC404	F-6	✱Q406	N-2		
E401	B-4	IC405	M-4	✱Q407	R-1		
E402	C-1	IC406	N-2	✱Q408	R-1		
E403	H-7	IC407	M-4	✱Q409	R-1		
E404	J-3	IC408	P-2	✱Q411	F-1		
E405	J-1	IC409	N-2	✱Q412	F-1		
E406	P-7	IC410	R-3	✱Q413	F-1		
E407	R-4	IC411	N-3	✱Q700	K-2		
E408	M-1	IC412	N-3	✱Q701	K-2		
		IC413	N-4	✱Q702	K-2		
FB102	L-3	IC421	C-5	✱Q703	K-2		
FB103	L-3	IC429	B-5	✱Q704	K-1		
FB104	L-1	IC432	F-5	✱Q705	K-3		
FB105	L-1	IC433	G-4	✱Q706	J-1		
FB106	L-3	IC435	N-2	✱Q707	K-1		
FB400	R-3	IC436	F-4	✱Q708	K-3		
FB402	R-2	IC437	F-5				
FB403	R-2	IC438	D-5	TP100	E-5		
FB404	M-3	IC439	C-4	TP101	E-5		
FB405	M-3	IC440	C-5	TP102	E-6		
FB406	R-1	IC441	E-5	TP103	E-6		
FB700	J-2	IC442	E-6	TP104	E-6		
FB701	J-2	IC444	N-5	TP105	E-6		
FB702	K-1	IC445	G-6	TP106	E-6		

✱ : B SIDE

LOT NO. P-1


DIF-16
A-8275
-074-A
1-648-531-13
SONY MADE IN JAPAN ▲ YMP-C
YEL
ORG
RED
BLK
BLU
GRN
CN458
CN452
CN451
CN450
CN554
CN555
CN115
CN110
IC408
IC411
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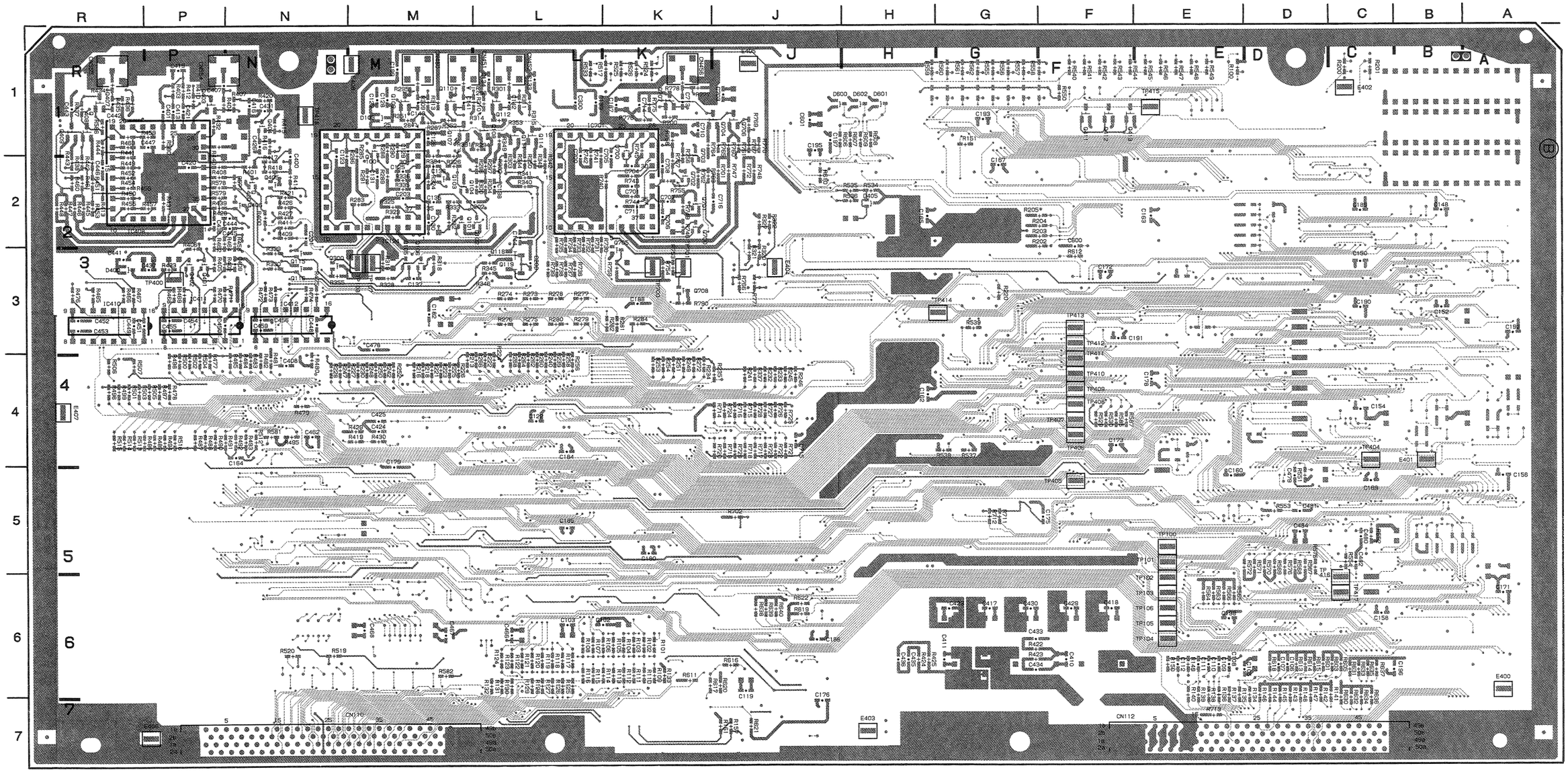


DIF-16 BOARD -B SIDE-

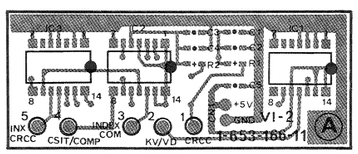
1-648-531-13 (LOT No. 411 - 906)

DVW-A500(J)	; DIF-16	MCB
DVW-A500(UC)	; DIF-16	MCB
DVW-A500P(EK)	; DIF-16P	MCB
DVW-A500P(UC)	; DIF-16PG	MCB
DVW-500(J)	; DIF-16	MCB
DVW-500(UC)	; DIF-16	MCB
DVW-500P(EK)	; DIF-16P	MCB
DVW-500P(UC)	; DIF-16PG	MCB

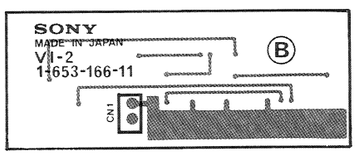
DIF-16, VI-2

DIF-16 ; 4 : 2 : 2 component serial digital I/O interface with Embedded audio
VI-2

(Board's Lot No. 307 through 410)
All recorder models



VI-2 BOARD -A SIDE-
1-653-166-11
for DIF-16 (1-648-531-12) of LOT No. 311 - 410



VI-2 BOARD -B SIDE-
1-653-166-11
for DIF-16 (1-648-531-12) of LOT No. 311 - 410

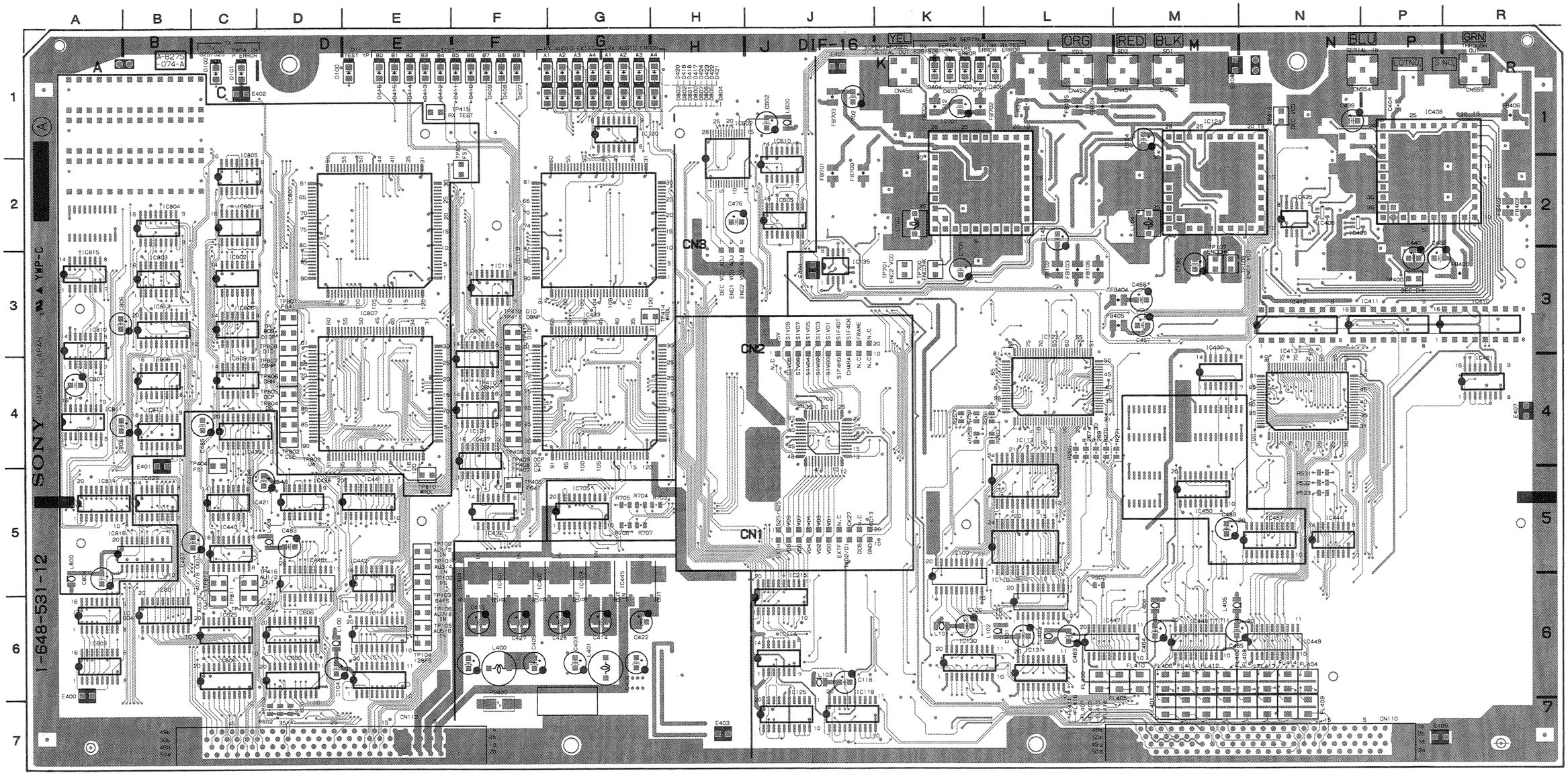
DIF-16(1-648-531-12)

CN1	J-5	FB703	J-1	IC448	M-6	TP106	E-6
CN2	J-3	FB704	K-1	IC449	N-6	TP107	M-3
CN3	H-2			IC450	M-5	TP108	M-3
CN110	N-7	FL400	L-6	IC451	N-5	TP400	P-3
CN112	D-7	FL401	M-7	IC461	R-4	TP404	C-4
CN450	M-1	FL402	M-6	IC600	D-6	TP405	F-5
CN451	M-1	FL403	N-7	IC601	B-6	TP406	F-4
CN452	L-1	FL404	N-6	IC602	H-2	TP407	F-4
CN456	K-1	FL405	M-6	IC603	A-6	TP408	F-4
CN554	P-1	FL406	M-6	IC604	A-6	TP409	F-4
CN555	R-1	FL407	M-7	IC605	C-6	TP410	F-4
		FL408	N-6	IC606	D-6	TP411	F-2
D100	E-1	FL409	N-7	IC609	J-2	TP412	F-3
D101	C-1	FL410	M-6	IC610	J-2	TP413	F-3
D102	C-1	FL411	M-7	IC625	C-6	TP414	H-2
✱D103	M-1	FL412	M-6	IC700	J-4	TP415	E-1
✱D400	R-3	FL413	N-7	IC701	K-2	TP416	C-6
D401	K-1	FL414	N-6	IC705	G-5	TP417	C-6
D402	K-1	FL415	M-6			TP418	N-1
D403	K-1	FL416	M-7	PS400	F-7	TP700	K-3
D404	K-1	FL417	N-6			TP701	K-3
✱D405	H-2	FL418	N-7	✱Q100	M-1		
D406	L-1			✱Q101	M-2		
D407	F-1	IC100	K-6	✱Q102	L-2		
D408	F-1	IC101	L-6	✱Q103	M-2		
D409	F-1	IC110	L-5	✱Q104	M-2		
D410	F-1	IC113	L-5	✱Q105	M-3		
D411	F-1	IC114	J-6	✱Q106	M-3		
D412	E-1	IC115	E-6	✱Q107	M-1		
D413	E-1	IC116	F-3	✱Q108	L-1		
D414	E-1	IC117	E-6	✱Q109	M-1		
D415	E-1	IC118	J-7	✱Q110	M-1		
D416	E-1	IC119	G-2	✱Q111	L-1		
D417	G-1	IC120	G-1	✱Q112	L-1		
D418	G-1	IC121	F-4	✱Q113	L-1		
D419	G-1	IC123	L-4	✱Q114	L-1		
D420	G-1	IC124	M-2	✱Q115	N-3		
D421	H-1	IC125	J-7	✱Q116	N-3		
D422	G-1	IC130	K-6	✱Q118	L-3		
D423	G-1	IC131	L-6	✱Q119	L-3		
D424	G-1	IC135	J-3	✱Q300	N-3		
✱D600	J-1	IC215	J-6	✱Q400	N-2		
✱D601	H-1	IC400	M-4	✱Q401	P-3		
✱D602	H-1	IC401	F-6	✱Q402	P-3		
✱D700	K-1	IC402	G-6	✱Q403	P-1		
		IC403	G-6	✱Q404	N-1		
E400	A-6	IC404	F-6	✱Q405	N-2		
E401	B-4	IC406	N-2	✱Q406	N-2		
E402	C-1	IC408	P-2	✱Q407	R-1		
E403	H-7	IC409	N-2	✱Q408	R-1		
E404	J-3	IC410	R-3	✱Q409	R-1		
E405	J-1	IC411	N-3	✱Q411	F-1		
E406	P-7	IC412	N-3	✱Q412	F-1		
E407	R-4	IC413	N-4	✱Q413	F-1		
E408	M-1	IC421	C-5	✱Q700	K-2		
		IC429	B-5	✱Q701	K-2		
FB102	L-3	IC432	F-5	✱Q702	K-2		
FB103	L-3	IC433	G-4	✱Q703	K-2		
FB104	L-1	IC435	N-2	✱Q704	K-1		
FB105	L-1	IC436	F-4	✱Q705	K-3		
FB106	L-3	IC437	F-5	✱Q706	J-1		
FB400	R-3	IC438	D-5	✱Q707	K-1		
FB402	R-2	IC439	C-4	✱Q708	K-3		
FB403	R-2	IC440	C-5				
FB404	M-3	IC441	E-5	TP100	E-5		
FB405	M-3	IC442	E-6	TP101	E-5		
FB406	R-1	IC444	N-5	TP102	E-6		
FB700	J-2	IC445	G-6	TP103	E-6		
FB701	J-2	IC446	D-6	TP104	E-6		
FB702	K-1	IC447	L-6	TP105	E-6		

✱ : B SIDE

LOT NO. P-1

1-25 (b)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A-8275
-074-A
1-648-531-12
CN1
CN2
CN3
YEL
ORG
RED
BLK
BLU
GRN
SERIAL IN
SERIAL OUT
THROUGH OUT
CN555
CN554
CN452
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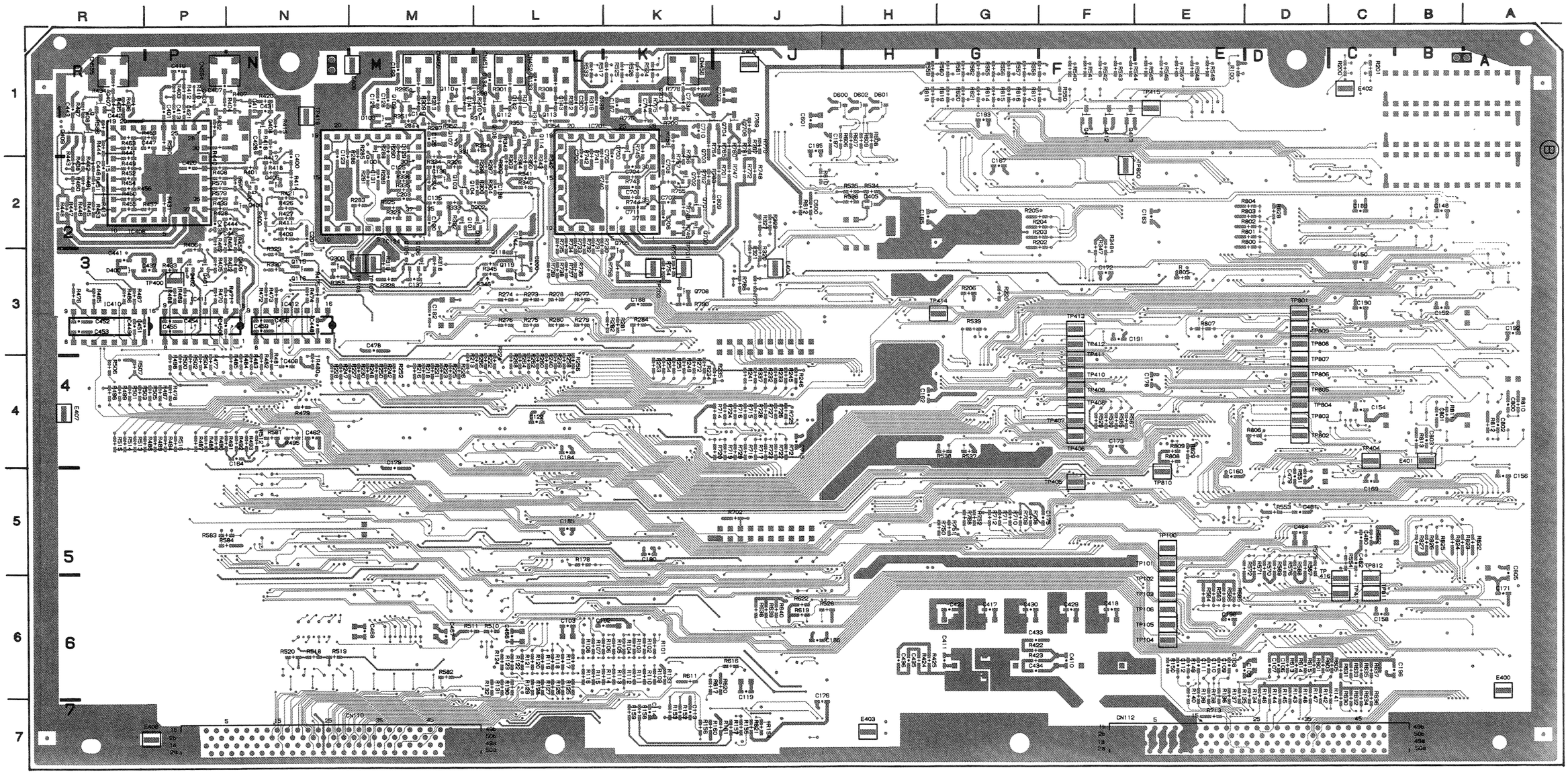


DIF-16 BOARD -B SIDE-

1-648-531-12 (LOT No. 307 - 410)

DVW-A500(J)	; DIF-16	MCB
DVW-A500(UC)	; DIF-16	MCB
DVW-A500P(EK)	; DIF-16P	MCB
DVW-A500P(UC)	; DIF-16PG	MCB
DVW-500(J)	; DIF-16	MCB
DVW-500(UC)	; DIF-16	MCB
DVW-500P(EK)	; DIF-16P	MCB
DVW-500P(UC)	; DIF-16PG	MCB

DIF-16 ; 4 : 2 : 2 component serial digital I/O interface with Embedded audio

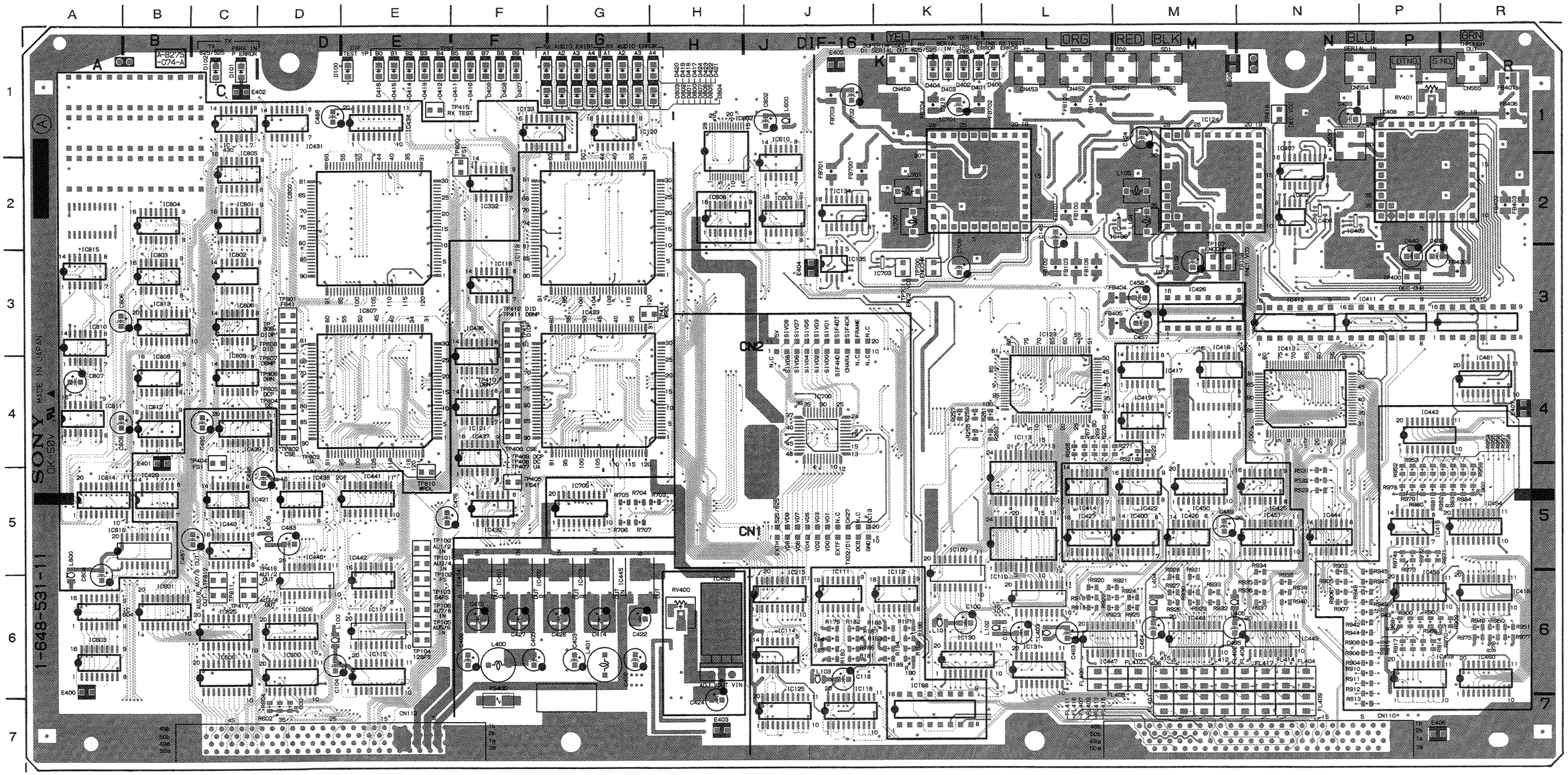
(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

DIF-16(1-648-531-11)

CN1	J-5	FB406	R-1	IC438	D-5	✱Q705	K-3
CN2	J-3	FB700	J-2	IC439	C-4	✱Q706	J-1
CN110	N-7	FB701	J-2	IC440	C-5	✱Q707	K-1
CN112	D-7	FB702	K-1	IC441	E-5	✱Q708	K-3
CN450	M-1	FB703	J-1	IC442	E-6		
CN451	M-1	FB704	K-1	IC444	N-5	RV400	H-6
CN452	L-1			IC445	G-6	RV401	P-1
CN453	L-1	FL400	L-6	IC446	D-6		
CN456	K-1	FL401	M-7	IC447	L-6	TP100	E-5
CN554	P-1	FL402	M-6	IC448	M-6	TP101	E-5
CN555	R-1	FL403	N-7	IC449	N-6	TP102	E-6
CN557	N-1	FL404	N-6	IC450	M-5	TP103	E-6
		FL405	M-6	IC451	N-5	TP104	E-6
D100	E-1	FL406	M-6	IC461	R-4	TP105	E-6
D101	C-1	FL407	M-7	IC600	D-6	TP106	E-6
D102	C-1	FL408	N-6	IC601	B-6	TP107	M-3
✱D103	M-1	FL409	N-7	IC602	H-2	TP108	M-3
✱D400	R-3	FL410	M-6	IC603	A-6	TP400	P-3
D401	K-1	FL411	M-7	IC604	A-6	TP404	C-4
D402	K-1	FL412	M-6	IC605	C-6	TP405	F-5
D403	K-1	FL413	N-7	IC606	D-6	TP406	F-4
D404	K-1	FL414	N-6	IC608	H-2	TP407	F-4
✱D405	F-5	FL415	M-6	IC609	J-2	TP408	F-4
D406	L-1	FL416	M-7	IC610	J-2	TP409	F-4
D407	F-1	FL417	N-6	IC625	C-6	TP410	F-4
D408	F-1	FL418	N-7	IC700	J-4	TP411	F-2
D409	F-1			IC701	K-2	TP412	F-3
D410	F-1	IC100	K-6	IC703	K-3	TP413	F-3
D411	F-1	IC101	L-6	IC705	G-5	TP414	H-2
D412	E-1	IC110	L-5			TP415	E-1
D413	E-1	IC113	L-5	PS400	F-7	TP416	C-6
D414	E-1	IC114	J-6			TP417	C-6
D415	E-1	IC115	E-6	✱Q100	M-1	TP418	N-1
D416	E-1	IC116	F-3	✱Q101	M-2	TP700	K-3
D417	G-1	IC117	E-6	✱Q102	L-2	TP701	K-3
D418	G-1	IC118	J-7	✱Q103	M-2		
D419	G-1	IC119	G-2	✱Q104	M-2		
D420	G-1	IC120	G-1	✱Q105	M-3		
D421	H-1	IC121	F-4	✱Q106	M-3		
D422	G-1	IC123	L-4	✱Q107	M-1		
D423	G-1	IC124	M-2	✱Q108	L-1		
D424	G-1	IC125	J-7	✱Q109	M-1		
✱D600	J-1	IC126	M-3	✱Q110	M-1		
✱D601	H-1	IC130	K-6	✱Q111	L-1		
✱D602	H-1	IC131	L-6	✱Q112	L-1		
✱D700	K-1	IC134	J-2	✱Q113	L-1		
		IC135	J-3	✱Q114	L-1		
E400	A-6	IC136	M-2	✱Q115	N-3		
E401	B-4	IC215	J-6	✱Q116	N-3		
E402	C-1	IC400	M-5	✱Q118	L-3		
E403	H-7	IC401	F-6	✱Q119	L-3		
E404	J-3	IC402	G-6	✱Q300	N-3		
E405	J-1	IC403	G-6	✱Q400	N-2		
E406	P-7	IC404	F-6	✱Q401	P-3		
E407	R-4	IC405	H-6	✱Q402	P-3		
E408	M-1	IC406	N-2	✱Q403	P-1		
		IC407	N-2	✱Q404	N-1		
FB100	L-2	IC408	P-2	✱Q405	N-2		
FB101	L-2	IC409	N-2	✱Q406	N-2		
FB102	L-3	IC410	R-3	✱Q407	R-1		
FB103	L-3	IC411	N-3	✱Q408	R-1		
FB104	L-1	IC412	N-3	✱Q409	R-1		
FB105	L-1	IC413	N-4	✱Q411	F-1		
FB106	L-3	IC421	C-5	✱Q412	F-1		
FB400	R-3	IC429	B-5	✱Q413	F-1		
FB401	R-1	IC432	F-5	✱Q700	K-2		
FB402	R-2	IC433	G-4	✱Q701	K-2		
FB403	R-2	IC435	N-2	✱Q702	K-2		
FB404	M-3	IC436	F-4	✱Q703	K-2		
FB405	M-3	IC437	F-5	✱Q704	K-1		

✱ : B SIDE

LOT NO. P-1


DIF-16
A-8275-074-A
1-648-531-11
SONY
MADE IN JAPAN
CN1
CN2
CN110
CN111
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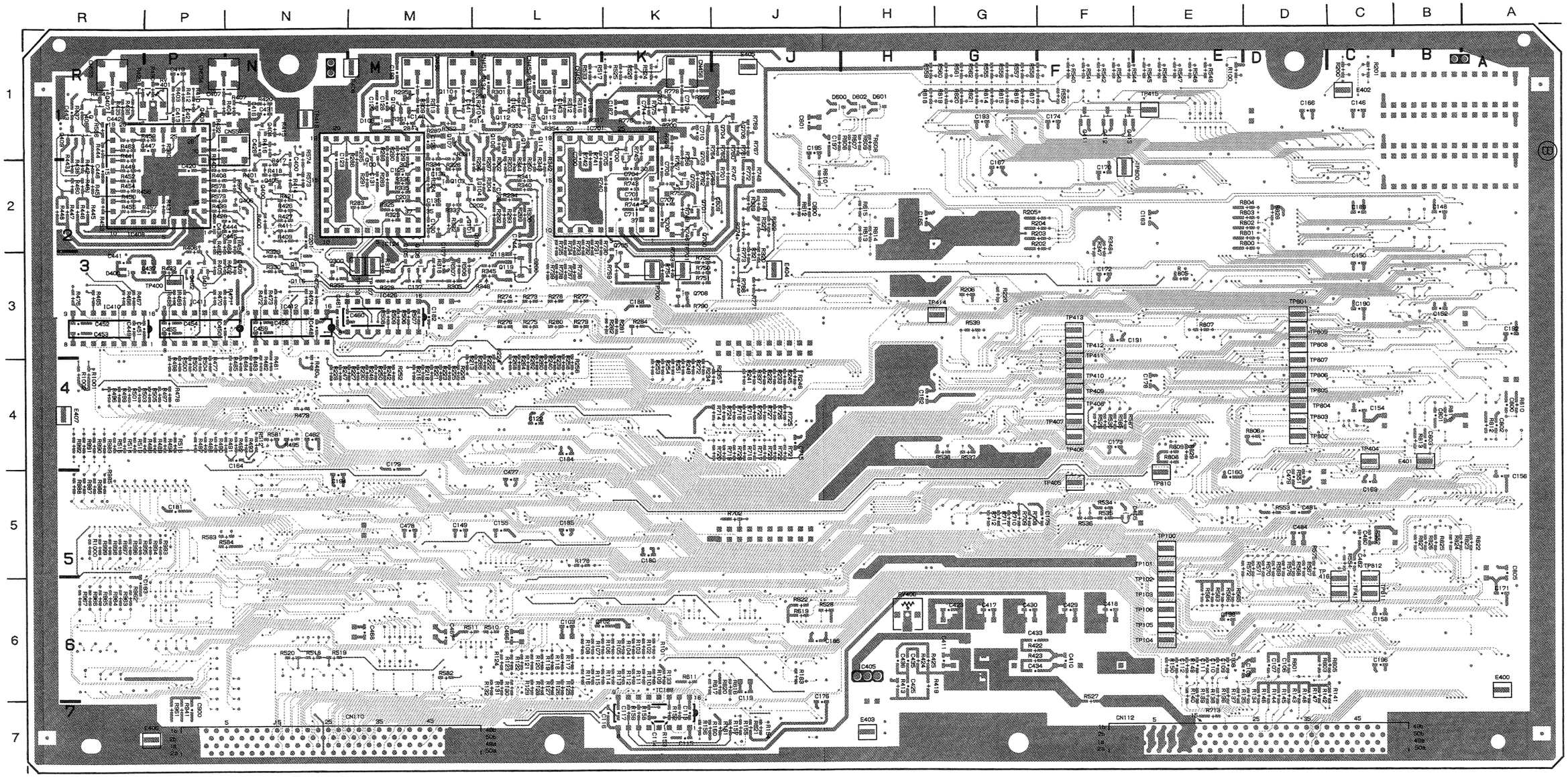


DIF-16 BOARD -B SIDE-

1-648-531-11 (LOT No. 302 - 306)

DVW-A500(J)	; DIF-16	MCB
DVW-A500(UC)	; DIF-16	MCB
DVW-A500P(EK)	; DIF-16P	MCB
DVW-A500P(UC)	; DIF-16PG	MCB
DVW-500(J)	; DIF-16	MCB
DVW-500(UC)	; DIF-16	MCB
DVW-500P(EK)	; DIF-16P	MCB

DIF-16B ; 4 : 2 : 2 component serial digital output interface with Embedded audio

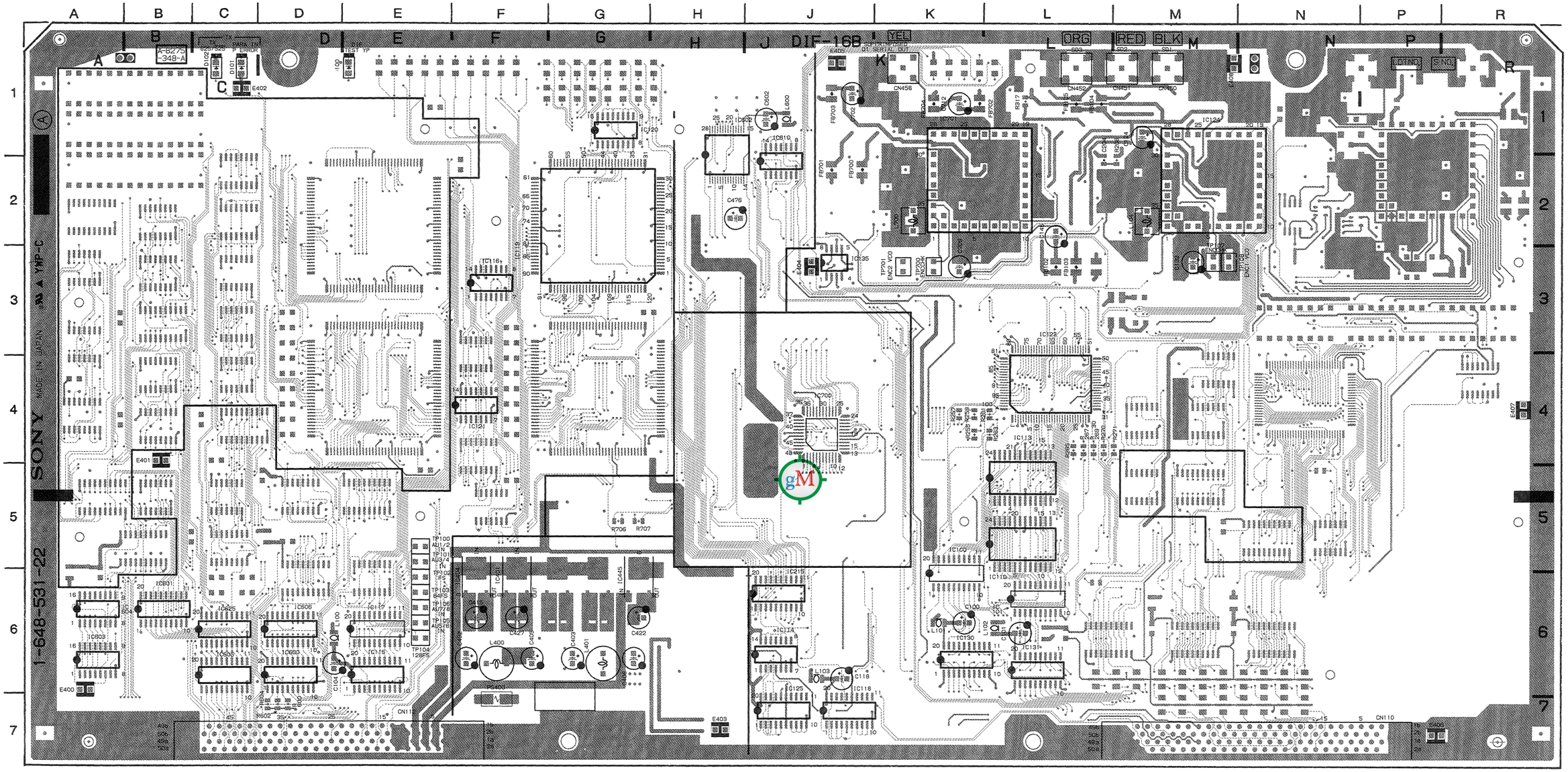
(Board's Lot No. 411 through 906)
All player models

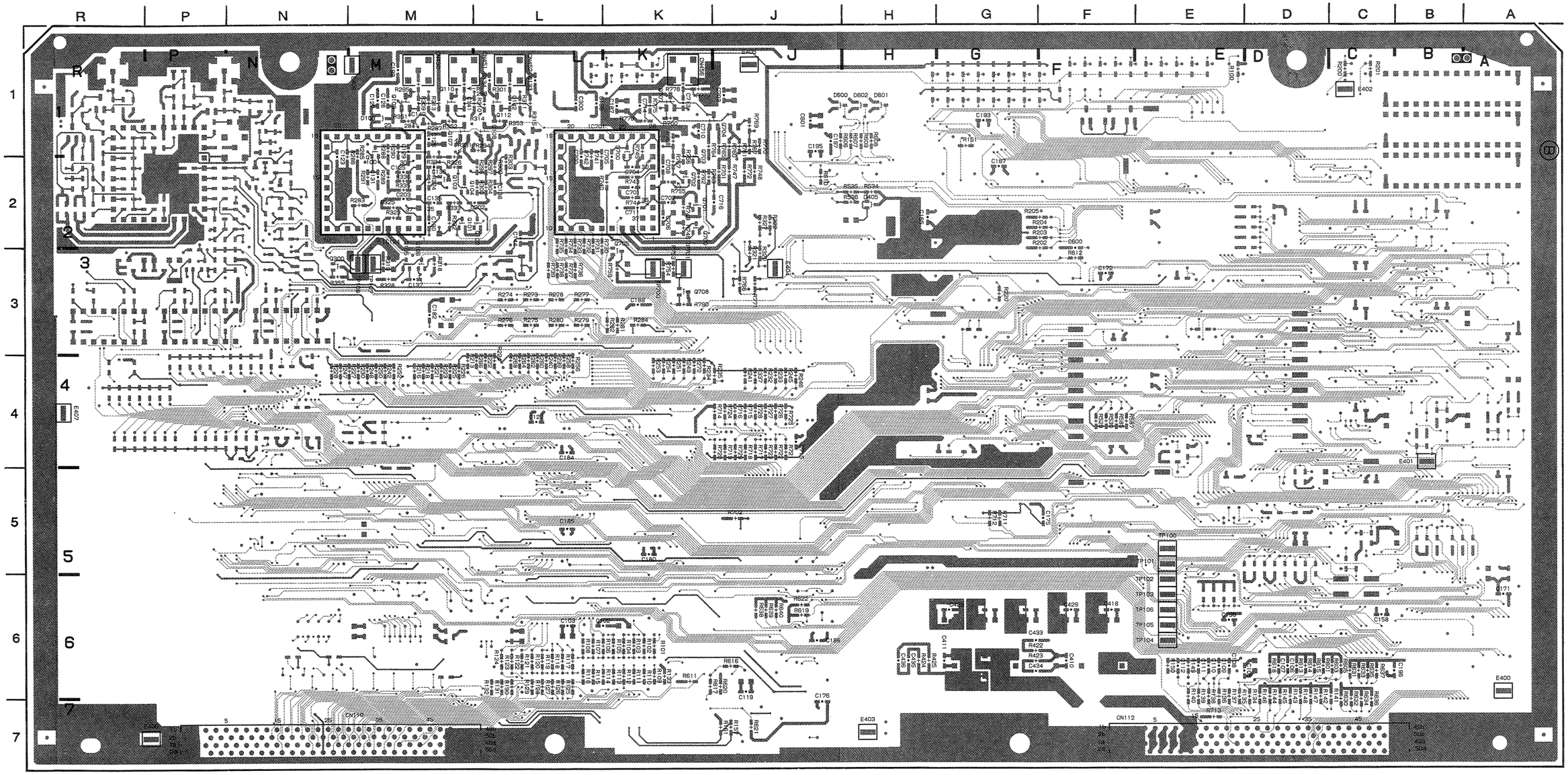
DIF-16B(1-648-531-22)

CN1	J-5	IC404	F-6
CN2	J-3	IC445	G-6
CN3	H-2	IC600	D-6
CN110	N-7	IC601	B-6
CN112	D-7	IC602	H-2
CN450	M-1	IC603	A-6
CN451	M-1	IC604	A-6
CN452	L-1	IC605	C-6
CN456	K-1	IC606	D-6
		IC610	J-2
D100	E-1	IC625	C-6
D101	C-1	IC700	J-4
D102	C-1	IC701	K-2
✱D103	M-1		
✱D405	H-2	PS400	F-7
✱D600	J-1		
✱D601	H-1	✱Q100	M-1
✱D602	H-1	✱Q101	M-2
✱D700	K-1	✱Q102	L-2
		✱Q103	M-2
E400	A-6	✱Q104	M-2
E401	B-4	✱Q105	M-3
E402	C-1	✱Q106	M-3
E403	H-7	✱Q107	M-1
E404	J-3	✱Q108	L-1
E405	J-1	✱Q109	M-1
E406	P-7	✱Q110	M-1
E407	R-4	✱Q112	L-1
E408	M-1	✱Q300	N-3
		✱Q700	K-2
FB100	L-2	✱Q701	K-2
FB101	L-2	✱Q702	K-2
FB102	L-3	✱Q703	K-2
FB103	L-3	✱Q704	K-1
FB104	L-1	✱Q705	K-3
FB105	L-1	✱Q707	K-1
FB106	L-3	✱Q708	K-3
FB400	R-3		
FB401	R-1	RV400	H-6
FB402	R-2		
FB403	R-2	TP100	E-5
FB404	M-3	TP101	E-5
FB405	M-3	TP102	E-6
FB406	R-1	TP103	E-6
FB700	J-2	TP104	E-6
FB701	J-2	TP105	E-6
FB702	K-1	TP106	E-6
FB703	J-1	TP107	M-3
FB704	K-1	TP108	M-3
		TP700	K-3
IC100	K-6	TP701	K-3
IC101	L-6		
IC110	L-5		
IC113	L-5		
IC114	J-6		
IC115	E-6		
IC116	F-3		
IC117	E-6		
IC118	J-7		
IC119	G-2		
IC120	G-1		
IC121	F-4		
IC123	L-4		
IC124	M-2		
IC125	J-7		
IC130	K-6		
IC131	L-6		
IC135	J-3		
IC215	J-6		
IC401	F-6		

✱ : B SIDE

LOT NO. P-1


DIF-16B
A-8275-348-A
1-648-531-22
SONY MADE IN JAPAN VNP-3
YEL
ORG
RED
BLK
LOT NO.
S. NO.
CN456
CN452
CN451
CN450
CN110
CN111
IC116
IC123
IC113
IC109
IC110
IC215
IC114
IC130
IC131
IC125
IC118
IC135
IC120
IC803
IC804
IC805
IC806
IC807
IC808
IC809
IC810
IC811
IC812
IC813
IC814
IC815
IC816
IC817
IC818
IC819
IC820
IC821
IC822
IC823
IC824
IC825
IC826
IC827
IC828
IC829
IC830
IC831
IC832
IC833
IC834
IC835
IC836
IC837
IC838
IC839
IC840
IC841
IC842



DIF-16B BOARD -B SIDE-

1-648-531-22 (LOT No. 411 - 906)

DVW-A510(J)	; DIF-16B	MCB
DVW-A510(UC)	; DIF-16B	MCB
DVW-A510P(EK)	; DIF-16BP	MCB
DVW-510(J)	; DIF-16B	MCB
DVW-510(UC)	; DIF-16B	MCB
DVW-510P(EK)	; DIF-16BP	MCB
DVW-CA510(J)	; DIF-16B	MCB
DVW-CA510(UC)	; DIF-16B	MCB
DVW-CA510P(EK)	; DIF-16BP	MCB

DIF-16B ; 4 : 2 : 2 component serial digital output interface with Embedded audio

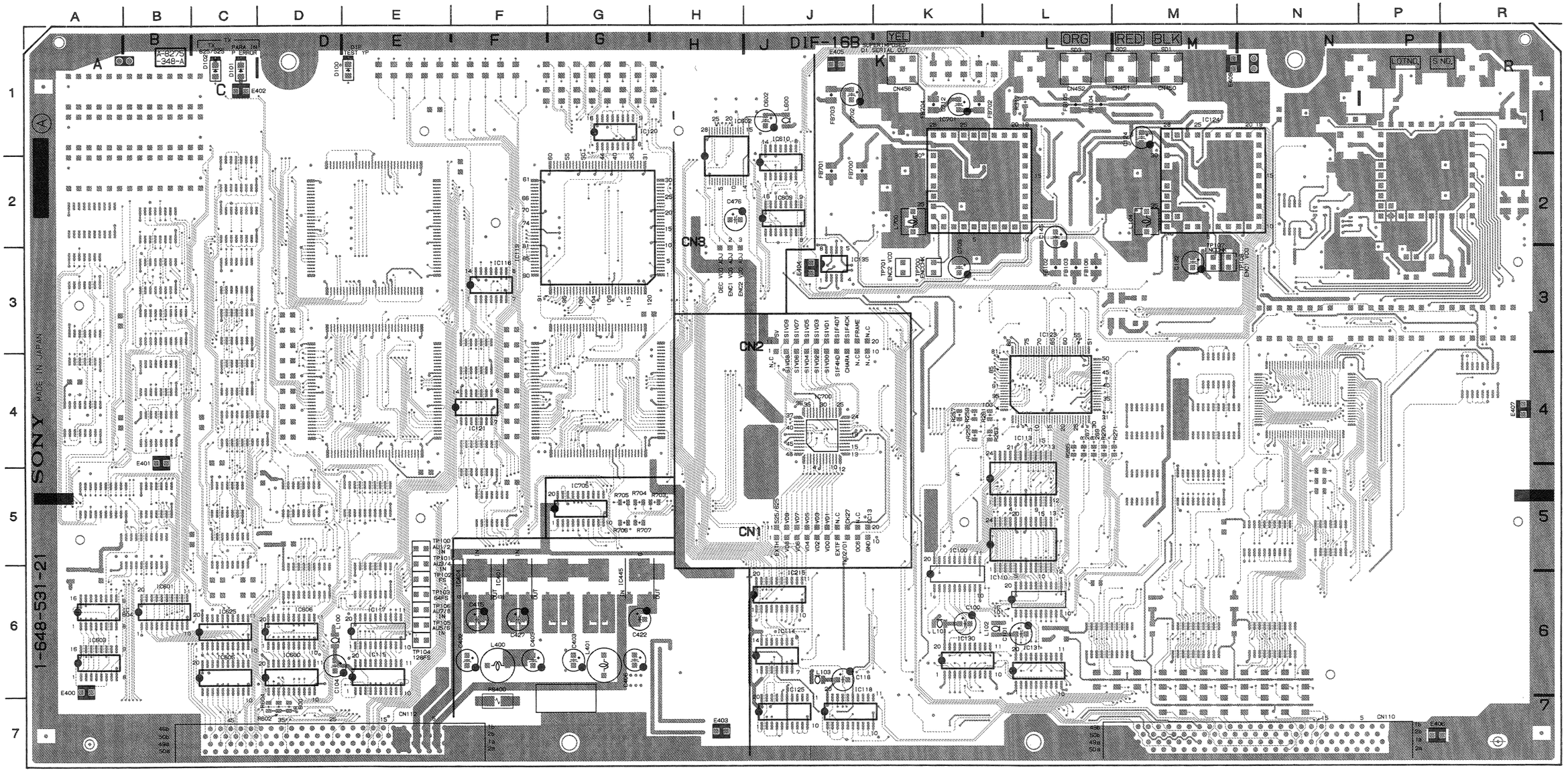
(Board's Lot No. 307 through 410)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

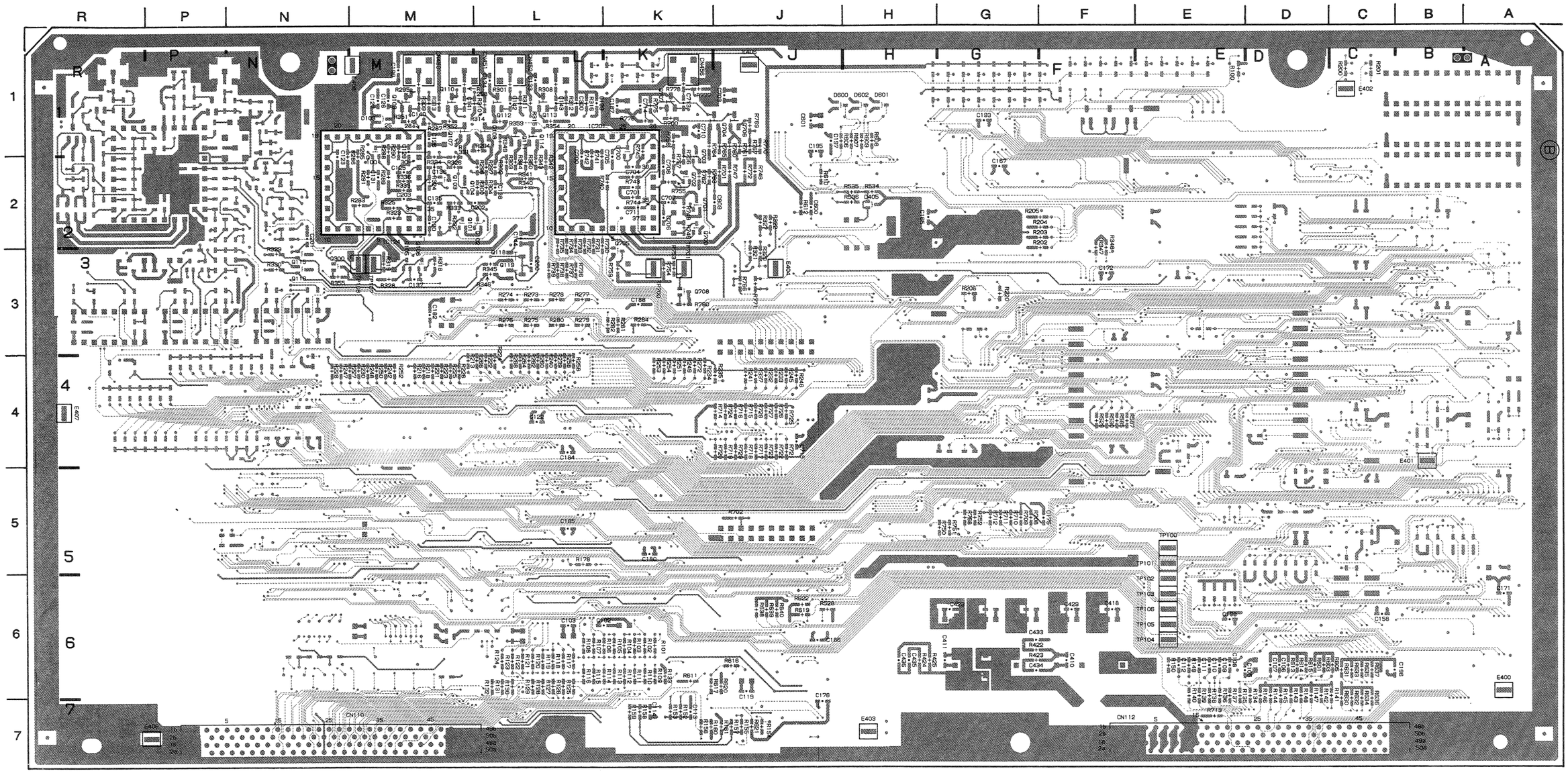
DIF-16B(1-648-531-21)

CN1	J-5	IC404	F-6
CN2	J-3	IC445	G-6
CN3	H-2	IC600	D-6
CN110	N-7	IC601	B-6
CN112	D-7	IC602	H-2
CN450	M-1	IC603	A-6
CN451	M-1	IC604	A-6
CN452	L-1	IC605	C-6
CN456	K-1	IC606	D-6
		IC609	J-2
D100	E-1	IC610	J-2
D101	C-1	IC625	C-6
D102	C-1	IC700	J-4
✱D103	M-1	IC701	K-2
✱D405	H-2	IC705	G-5
✱D600	J-1		
✱D601	H-1	PS400	F-7
✱D602	H-1		
✱D700	K-1	✱Q100	M-1
		✱Q101	M-2
E400	A-6	✱Q102	L-2
E401	B-4		
E402	C-1	✱Q103	M-2
E403	H-7	✱Q104	M-2
E404	J-3	✱Q105	M-3
E405	J-1	✱Q106	M-3
E406	P-7	✱Q107	M-1
E407	R-4	✱Q108	L-1
E408	M-1	✱Q109	M-1
		✱Q110	M-1
FB100	L-2	✱Q111	L-1
FB101	L-2	✱Q112	L-1
FB102	L-3	✱Q113	L-1
FB103	L-3	✱Q114	L-1
FB104	L-1	✱Q115	N-3
FB105	L-1	✱Q116	N-3
FB106	L-3	✱Q118	L-3
FB400	R-3	✱Q119	L-3
FB401	R-1	✱Q300	N-3
FB402	R-2	✱Q700	K-2
FB403	R-2	✱Q701	K-2
FB404	M-3	✱Q702	K-2
FB405	M-3	✱Q703	K-2
FB406	R-1	✱Q704	K-1
FB700	J-2	✱Q705	K-3
FB701	J-2	✱Q706	J-1
FB702	K-1	✱Q707	K-1
FB703	J-1	✱Q708	K-3
FB704	K-1		
		RV400	H-6
IC100	K-6		
IC101	L-6	TP100	E-5
IC110	L-5	TP101	E-5
IC113	L-5	TP102	E-6
IC114	J-6	TP103	E-6
IC115	E-6	TP104	E-6
IC116	F-3	TP105	E-6
IC117	E-6	TP106	E-6
IC118	J-7	TP107	M-3
IC119	G-2	TP108	M-3
IC120	G-1	TP700	K-3
IC121	F-4	TP701	K-3
IC123	L-4		
IC124	M-2		
IC125	J-7		
IC130	K-6		
IC131	L-6		
IC135	J-3		
IC215	J-6		
IC401	F-6		

✱ : B SIDE

LOT NO. P-1


DIF-16B
1-648-531-21
SONY MADE IN JAPAN
CN1
CN2
CN3
CN110
CN112
CN452
CN453
CN454
CN455
CN456
IC700
IC705
IC121
IC120
IC123
IC124
IC100
IC130
IC131
IC125
IC118
IC114
IC215
IC801
IC625
IC606
IC609
IC605
IC680
IC117
IC115
IC104
IC445
IC402
IC403
IC404
IC405
IC406
IC407
IC408
IC409
IC410
IC411
IC412
IC413
IC414
IC415
IC416
IC417
IC418
IC419
IC420
IC421
IC422
IC423
IC424
IC425
IC426
IC427
IC428
IC429
IC430
IC431
IC432
IC433
IC434
IC435
IC436
IC437
IC438
IC439
IC440
IC441



DIF-16B BOARD -B SIDE-

1-648-531-21 (LOT No. 307 - 410)

DVW-A510(J)	; DIF-16B	MCB
DVW-A510(UC)	; DIF-16B	MCB
DVW-A510P(EK)	; DIF-16BP	MCB
DVW-510(J)	; DIF-16B	MCB
DVW-510(UC)	; DIF-16B	MCB
DVW-510P(EK)	; DIF-16BP	MCB
DVW-CA510(UC)	; DIF-16B	MCB
DVW-CA510P(EK)	; DIF-16BP	MCB

Section 2
Schematic Diagrams – Frame Wiring –

Index

RECORDER **PAGE**

FRAME (1/3) — for DVW-A500/A500P 2-2
FRAME (1/3) — for DVW-500/500P 2-3
FRAME (2/3) 2-4
FRAME (3/3) — for UC/EK models 2-6
FRAME (3/3) — for J model 2-8

PLAYER

FRAME (1/3) — for DVW-A510/CA510/A510P/CA510P 2-10
FRAME (1/3) — for DVW-510/510P 2-11
FRAME (2/3) — for DVW-A510/510/A510P/510P 2-12
FRAME (2/3) — for DVW-CA510/CA510P 2-14
FRAME (3/3) — for UC/EK models 2-16
FRAME (3/3) — for J model 2-18

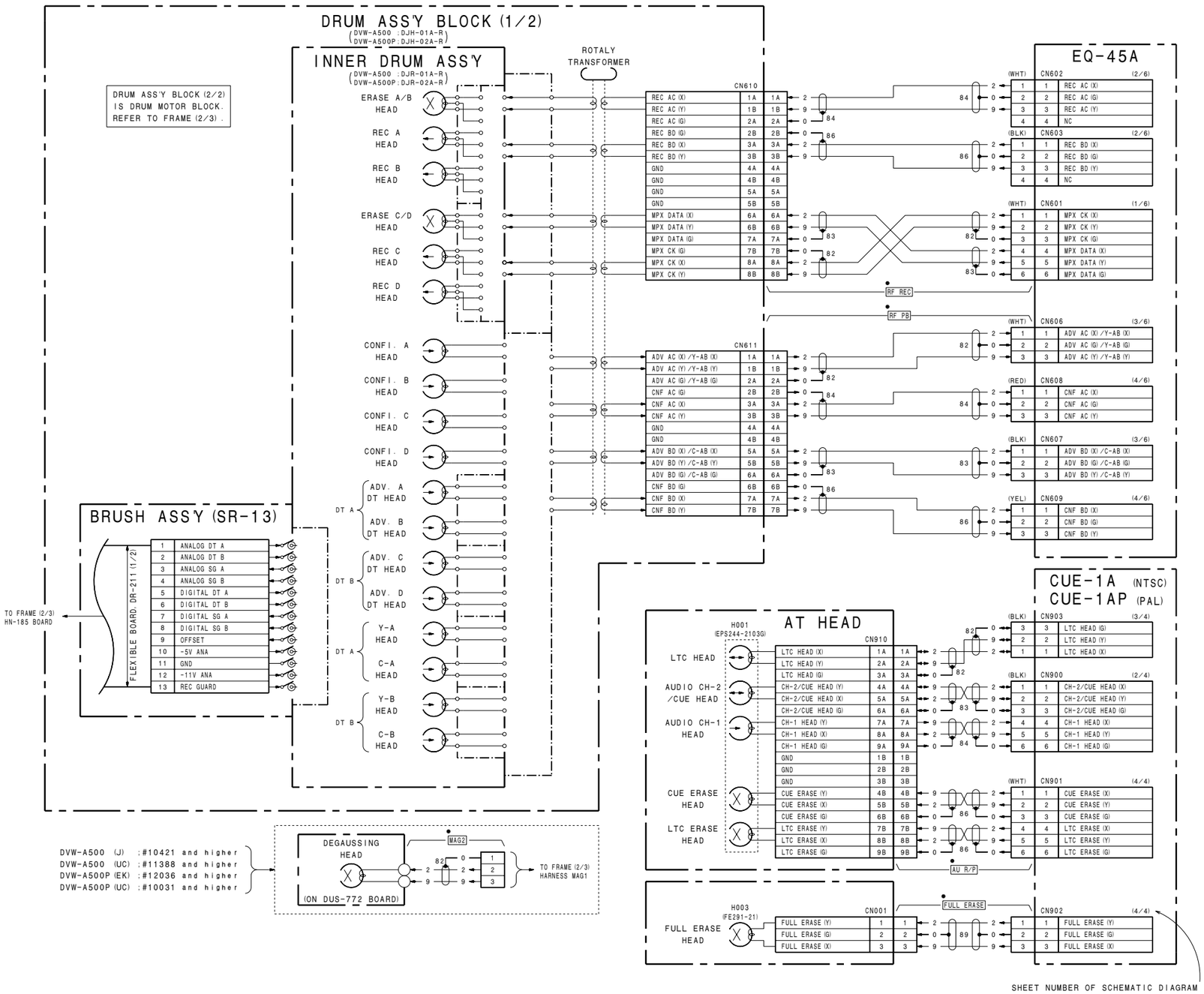
Note

The ⚠-marked components are critical to safety.
Replace only with same components as specified.

注意

⚠印の部品は安全性を維持するために重要な部品です。
従って交換するときは必ず指定の部品を使ってください。

Frame Wiring (1/3) Recorder DVW-A500/A500P

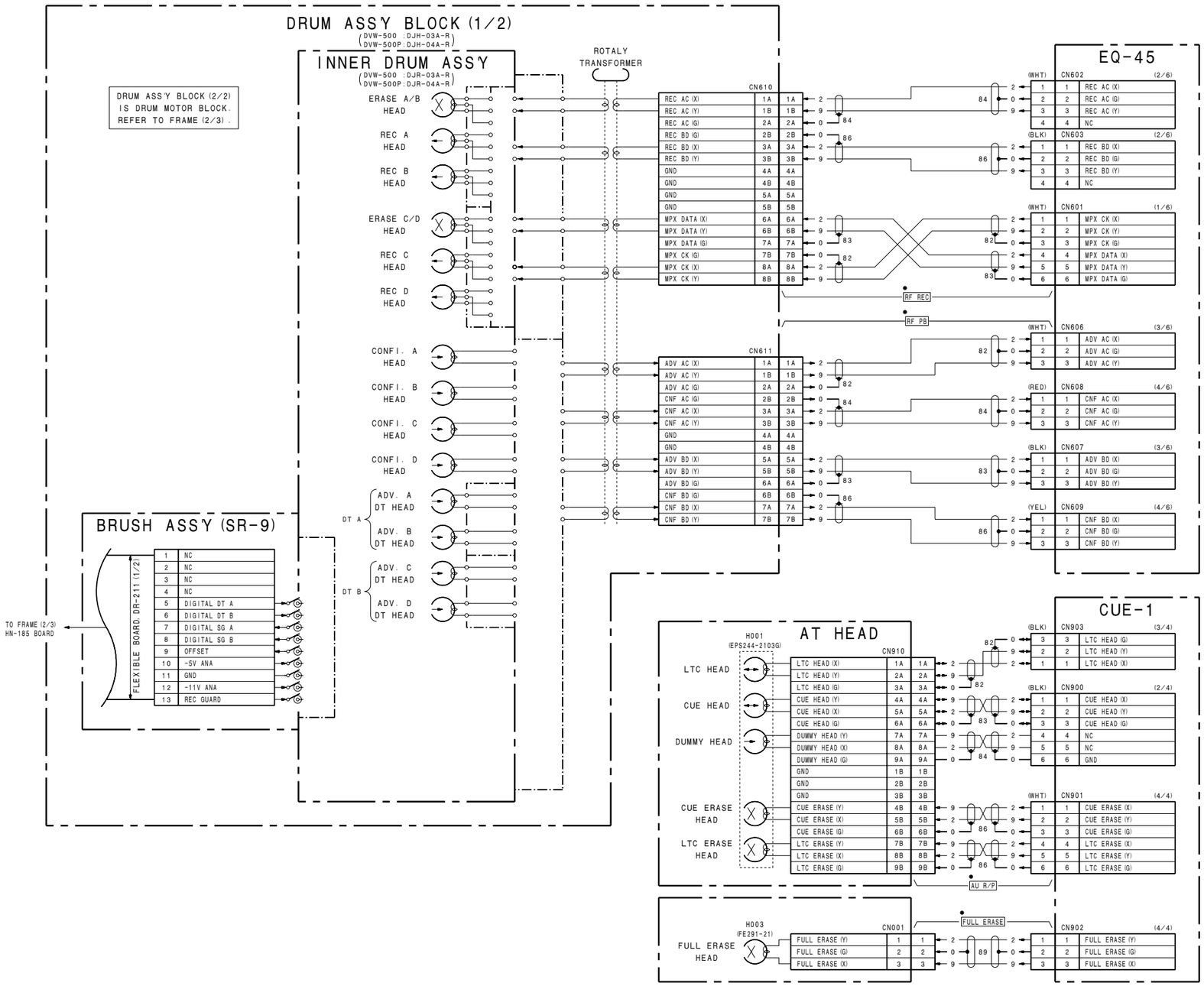


Drum, Heads (Except CTL Head)

Frame Wiring (1/3)

DVW-A500 (J, UC)
DVW-A500P (EK, UC)
DVW-FRAME-ALL-REC-S/M-06

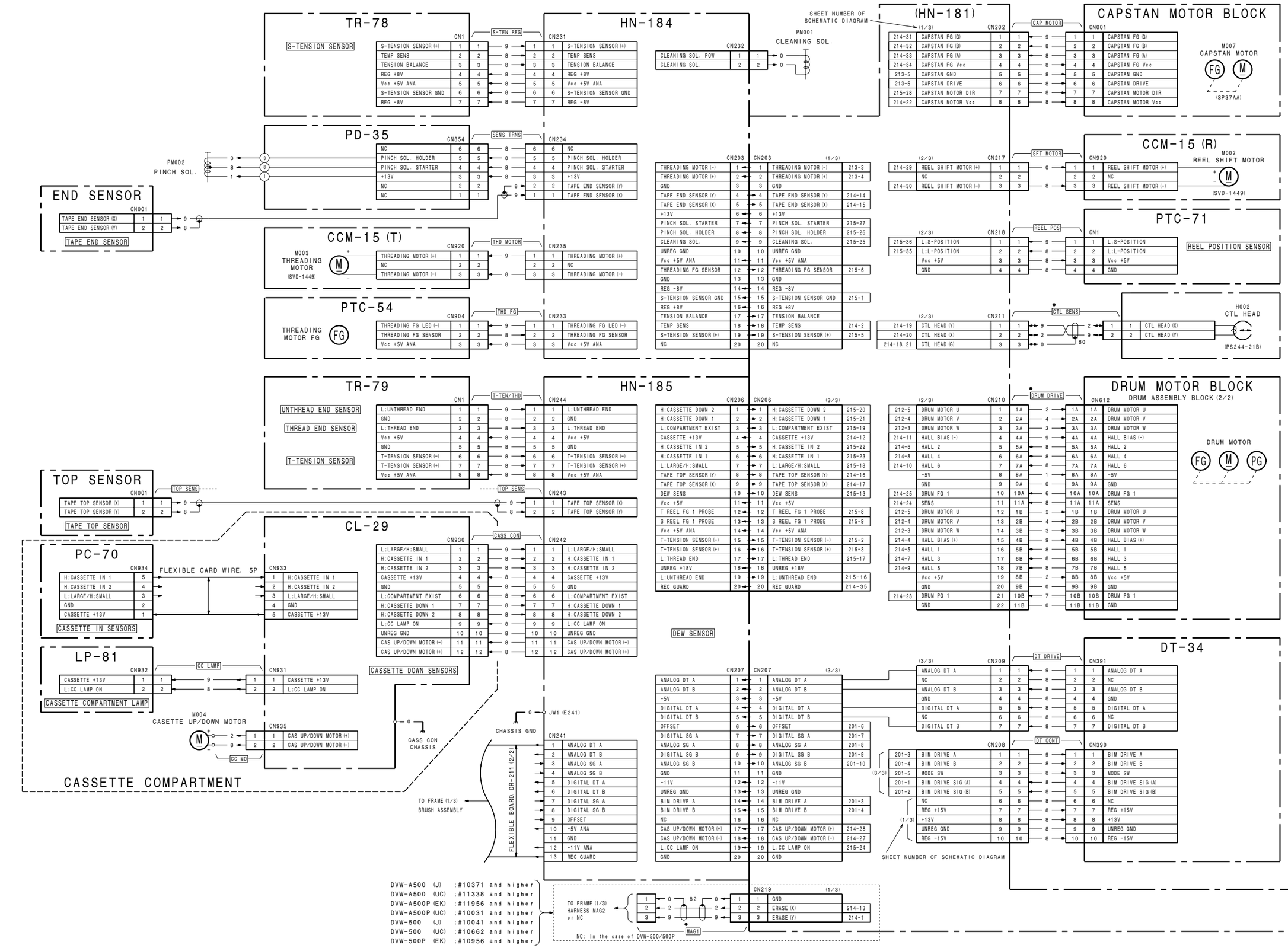
Frame Wiring (1/3) Recorder DVW-500/500P

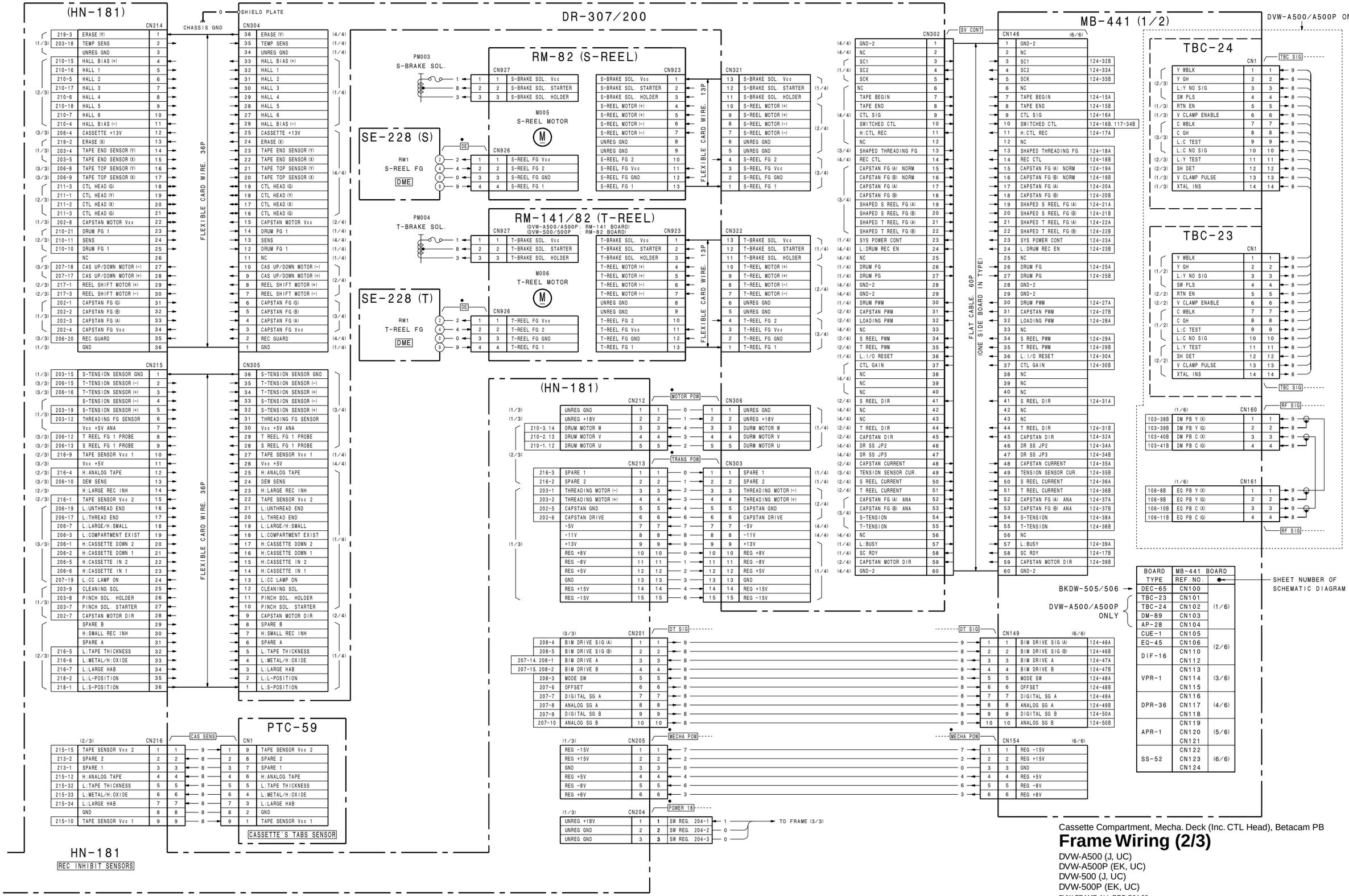


Drum, Heads (Except CTL Head)

Frame Wiring (1/3)

DVW-500 (J, UC)
DVW-500P (EK, UC)
DVW-FRAME-ALL-REC-S/M-06


TR-78
S-TENSION SENSOR
CN1
S-TEN REG
CN231
S-TENSION SENSOR (+)
TEMP SENS
TENSION BALANCE
REG +8V
Vcc +5V ANA
S-TENSION SENSOR GND
REG -8V
HN-184
CN232
CLEANING SOL. POW
CLEANING SOL.
PM001
CLEANING SOL.
SHEET NUMBER OF SCHEMATIC DIAGRAM
(HN-181)
(1/3)
CN202
CAP MOTOR
CAPSTAN MOTOR BLOCK
CN001
CAPSTAN FG (G)
CAPSTAN FG (B)
CAPSTAN FG (A)
CAPSTAN FG Vcc
CAPSTAN GND
CAPSTAN DRIVE
CAPSTAN MOTOR DIR
CAPSTAN MOTOR Vcc
M007
CAPSTAN MOTOR
FG
M
(SP37AA)
PD-35
CN854
SENS TRNS
CN234
NC
PINCH SOL. HOLDER
PINCH SOL. STARTER
+13V
TAPE END SENSOR (Y)
TAPE END SENSOR (X)
PM002
PINCH SOL.
END SENSOR
CN001
TAPE END SENSOR (X)
TAPE END SENSOR (Y)
TAPE END SENSOR
CCM-15 (T)
M003
THREADING MOTOR
(SVD-1449)
CN920
THD MOTOR
CN235
THREADING MOTOR (+)
NC
THREADING MOTOR (-)
PTC-54
THREADING MOTOR FG
CN904
THD FG
CN233
THREADING FG LED (-)
THREADING FG SENSOR
Vcc +5V ANA
CN203
CN203
(1/3)
THREADING MOTOR (-)
THREADING MOTOR (+)
GND
TAPE END SENSOR (Y)
TAPE END SENSOR (X)
+13V
PINCH SOL. STARTER
PINCH SOL. HOLDER
CLEANING SOL.
UNREG GND
Vcc +5V ANA
THREADING FG SENSOR
GND
REG -8V
S-TENSION SENSOR GND
REG +8V
TENSION BALANCE
TEMP SENS
S-TENSION SENSOR (+)
NC
213-3
213-4
214-14
214-15
215-27
215-26
215-25
215-6
215-1
214-2
215-5
(2/3)
CN217
SFT MOTOR
CCM-15 (R)
M002
REEL SHIFT MOTOR
REEL SHIFT MOTOR (+)
NC
REEL SHIFT MOTOR (-)
(SVD-1449)
(2/3)
CN218
REEL POS
PTC-71
L:S-POSITION
L:L-POSITION
Vcc +5V
GND
CN1
REEL POSITION SENSOR
(2/3)
CN211
CTL SENS
H002
CTL HEAD
CTL HEAD (X)
CTL HEAD (Y)
CTL HEAD (G)
(PS244-21B)
TR-79
UNTHREAD END SENSOR
THREAD END SENSOR
T-TENSION SENSOR
CN1
T-TEN/THD
CN244
L:UNTHREAD END
GND
L:THREAD END
Vcc +5V
T-TENSION SENSOR (-)
T-TENSION SENSOR (+)
HN-185
CN206
CN206
(3/3)
H:CASSETTE DOWN 2
H:CASSETTE DOWN 1
L:COMPARTMENT EXIST
CASSETTE +13V
H:CASSETTE IN 2
H:CASSETTE IN 1
TAPE TOP SENSOR (Y)
TAPE TOP SENSOR (X)
DEW SENS
Vcc +5V
T REEL FG 1 PROBE
S REEL FG 1 PROBE
Vcc +5V ANA
T-TENSION SENSOR (-)
T-TENSION SENSOR (+)
L:THREAD END
UNREG +18V
L:UNTHREAD END
REC GUARD
215-20
215-21
215-19
214-12
215-22
215-23
215-18
214-16
214-17
215-13
215-8
215-9
215-2
215-3
215-17
215-16
214-35
(2/3)
CN210
DRUM DRIVE
DRUM MOTOR BLOCK
DRUM ASSEMBLY BLOCK (2/2)
CN612
DRUM MOTOR U
DRUM MOTOR V
DRUM MOTOR W
HALL BIAS (-)
HALL 2
HALL 4
HALL 6
-5V
GND
DRUM FG 1
SENS
DRUM MOTOR U
DRUM MOTOR V
DRUM MOTOR W
HALL BIAS (+)
HALL 1
HALL 3
HALL 5
Vcc +5V
GND
DRUM PG 1
GND
DRUM MOTOR
FG
M
PG
TOP SENSOR
CN001
TOP SENS
TAPE TOP SENSOR (X)
TAPE TOP SENSOR (Y)
TAPE TOP SENSOR
CN243
TAPE TOP SENSOR (X)
TAPE TOP SENSOR (Y)
CL-29
CN930
CASS CON
CN242
L:LARGE/H:SMALL
H:CASSETTE IN 1
H:CASSETTE IN 2
CASSETTE +13V
GND
L:COMPARTMENT EXIST
H:CASSETTE DOWN 1
H:CASSETTE DOWN 2
L:CC LAMP ON
UNREG GND
CAS UP/DOWN MOTOR (-)
CAS UP/DOWN MOTOR (+)
CASSETTE DOWN SENSORS
PC-70
CN934
FLEXIBLE CARD WIRE, 5P
CN933
H:CASSETTE IN 1
H:CASSETTE IN 2
L:LARGE/H:SMALL
GND
CASSETTE +13V
CASSETTE IN SENSORS
LP-81
CN932
CC LAMP
CN931
CASSETTE +13V
L:CC LAMP ON
CASSETTE COMPARTMENT LAMP
M004
CASETTE UP/DOWN MOTOR
CN935
CAS UP/DOWN MOTOR (+)
CAS UP/DOWN MOTOR (-)
CC MO
CASS CON
CHASSIS
JW1 (E241)
CHASSIS GND
CN241
ANALOG DT A
ANALOG DT B
ANALOG SG A
ANALOG SG B
DIGITAL DT A
DIGITAL DT B
DIGITAL SG A
DIGITAL SG B
OFFSET
-5V ANA
GND
-11V ANA
REC GUARD
FLEXIBLE BOARD DR-211 (2/2)
TO FRAME (1/3)
BRUSH ASSEMBLY
CASSETTE COMPARTMENT
DEW SENSOR
CN207
CN207
(3/3)
ANALOG DT A
ANALOG DT B
-5V
DIGITAL DT A
DIGITAL DT B
OFFSET
DIGITAL SG A
ANALOG SG A
DIGITAL SG B
ANALOG SG B
GND
-11V
UNREG GND
BIM DRIVE A
BIM DRIVE B
NC
CAS UP/DOWN MOTOR (+)
CAS UP/DOWN MOTOR (-)
L:CC LAMP ON
GND
201-6
201-7
201-8
201-9
201-10
201-3
201-4
214-28
214-27
215-24
DT-34
DT DRIVE
CN391
DT CONT
CN390
(3/3)
CN209
CN208
ANALOG DT A
NC
ANALOG DT B
GND
DIGITAL DT A
NC
DIGITAL DT B
BIM DRIVE A
BIM DRIVE B
MODE SW
BIM DRIVE SIG (A)
BIM DRIVE SIG (B)
NC
REG +15V
+13V
UNREG GND
REG -15V
(1/3)
SHEET NUMBER OF SCHEMATIC DIAGRAM
DVW-A500 (J) ;#10371 and higher
DVW-A500 (UC) ;#11338 and higher
DVW-A500P (EK) ;#11956 and higher
DVW-A500P (UC) ;#10031 and higher
DVW-500 (J) ;#10041 and higher
DVW-500 (UC) ;#10662 and higher
DVW-500P (EK) ;#10956 and higher
CN219
(1/3)
GND
ERASE (X)
ERASE (Y)
214-13
214-1
TO FRAME (1/3)
HARNESS MAG2
or NC
MAG1
82
NC: In the case of DVW-500/500P



BOARD TYPE	MB-441 BOARD REF. NO.	
DEC-65	CN100	
TBC-23	CN101	
TBC-24	CN102	(1/6)
DM-89	CN103	
AP-28	CN104	
CUE-1	CN105	
EQ-45	CN106	(2/6)
DIF-16	CN110 CN112	
VPR-1	CN113 CN114 CN115	(3/6)
DPR-36	CN116 CN117 CN118	(4/6)
APR-1	CN119 CN120 CN121	(5/6)
SS-52	CN122 CN123 CN124	(6/6)

Cassette Compartment, Mecha. Deck (Inc. CTL Head), Betacam PB

Frame Wiring (2/3)

DVW-A500 (J, UC)
DVW-A500P (EK, UC)
DVW-500 (J, UC)
DVW-500P (EK, UC)

DVW-FRAME-ALL-REC-S/M-06

Frame Wiring (3/3) Recorder (UC/EK) Model

FL1004 and FL1005 are equipped in following models.
:DVW-A500P (EK) :#10100 and higher
:DVW-500P (EK) :#10010 and higher

SWC-17

CN560 — FRONT SW2 — FLAT CABLE, 26P (ONE SIDE BOARD IN TYPE) — UPPER CONTROL PANEL

GND-2	1
GND-2	2
REG +8V-2	3
REG +8V-2	4
KEY IN 0	5
KEY IN 1	6
KEY IN 2	7
KEY IN 3	8
KEY IN 4	9
KEY IN 5	10
KEY IN 6	11
KEY IN 7	12
LED OUT 0	13
LED OUT 1	14
LED OUT 2	15
LED OUT 3	16
LED OUT 4	17
LED OUT 5	18
LED OUT 6	19
LED OUT 7	20
SCAN 0	21
SCAN 1	22
SCAN 2	23
SCAN 3	24
SCAN 4	25
REG +5V-2	26

SWC-18

CN570 — FRONT SW1 — FLAT CABLE, 34P (ONE SIDE BOARD IN TYPE) — SUB CONTROL PANEL

GND-2	1
GND-2	2
REG +5V-2	3
REG +5V-2	4
KEY IN 0	5
KEY IN 1	6
KEY IN 2	7
KEY IN 3	8
KEY IN 4	9
KEY IN 5	10
KEY IN 6	11
KEY IN 7	12
SCAN 4	13
SCAN 5	14
ADC0	15
ADC1	16
ADC2	17
NC	18
AD CONT0	19
AD CONT1	20
H:LOCAL/L:REMOTE	21
NC	22
REM VIDEO LEVEL	23
REM CHROMA LEVEL	24
REM SET-UP LEVEL	25
REM Y/C DELAY	26
REM CHROMA PHASE	27
REM SYNC PHASE	28
REM SC PHASE	29
NC	30
REF +12V	31
REF +12V	32
A GND	33
A GND	34

FL INDICATE MODULE

CN1 — DISPLAY — AUDIO LEVEL METERS

+15V	1
A GND	2
+5V	3
GND	4
L:CS	5
SCK	6
RES	7
CMD	8
RDY	9
SW	10

CN505

1	REG +15V-2
2	A GND
3	REG +5V-2
4	GND-2
5	L:FL CS
6	FL SCK
7	FL RES
8	FL CMD
9	FL RDY
10	SW

FP-58

CN501

1	GND-2
2	GND-2
3	REG +8V-2
4	REG +8V-2
5	KEY IN 0
6	KEY IN 1
7	KEY IN 2
8	KEY IN 3
9	KEY IN 4
10	KEY IN 5
11	KEY IN 6
12	KEY IN 7
13	LED OUT 0
14	LED OUT 1
15	LED OUT 2
16	LED OUT 3
17	LED OUT 4
18	LED OUT 5
19	LED OUT 6
20	LED OUT 7
21	SCAN 0
22	SCAN 1
23	SCAN 2
24	SCAN 3
25	SCAN 4
26	REG +5V-2

CN502

1	GND-2
2	GND-2
3	REG +5V-2
4	REG +5V-2
5	KEY IN 0
6	KEY IN 1
7	KEY IN 2
8	KEY IN 3
9	KEY IN 4
10	KEY IN 5
11	KEY IN 6
12	KEY IN 7
13	SCAN 4
14	SCAN 5
15	ADC0
16	ADC1
17	ADC2
18	NC
19	AD CONT0
20	AD CONT1
21	H:LOCAL/L:REMOTE
22	NC
23	REM VIDEO LEVEL
24	REM CHROMA LEVEL
25	REM SET-UP LEVEL
26	REM Y/C DELAY
27	REM CHROMA PHASE
28	REM SYNC PHASE
29	REM SC PHASE
30	NC
31	REF +12V
32	REF +12V
33	A GND
34	A GND

VR-153

AUDIO PB LEVEL — RV1 CH-1, RV2 CH-2, RV3 CH-3, RV4 CH-4, RV5 CUE

CN503 — CN520

GND-2	1	1	GND-2
REG +5V-2	2	2	REG +5V-2
KEY IN 0	3	3	KEY IN 0
KEY IN 1	4	4	KEY IN 1
KEY IN 2	5	5	KEY IN 2
KEY IN 3	6	6	KEY IN 3
KEY IN 4	7	7	KEY IN 4
KEY IN 5	8	8	KEY IN 5
KEY IN 6	9	9	KEY IN 6
KEY IN 7	10	10	KEY IN 7
SCAN 3	11	11	SCAN 3
SW	12	12	SW
A GND	13	13	A GND
A GND	14	14	A GND
REG +15V-2	15	15	REG +15V-2
REG -15V-2	16	16	REG -15V-2
CH-1 PB GAIN	17	17	CH-1 PB GAIN
CH-2 PB GAIN	18	18	CH-2 PB GAIN
CH-3 PB GAIN	19	19	CH-3 PB GAIN
CH-4 PB GAIN	20	20	CH-4 PB GAIN
CUE PB GAIN	21	21	CUE PB GAIN
PB GAIN GND	22	22	PB GAIN GND
CH-1 REC GAIN	23	23	CH-1 REC GAIN
CH-2 REC GAIN	24	24	CH-2 REC GAIN
CH-3 REC GAIN	25	25	CH-3 REC GAIN
CH-4 REC GAIN	26	26	CH-4 REC GAIN
CUE REC GAIN	27	27	CUE REC GAIN
REC GAIN GND	28	28	REC GAIN GND
REF +5V	29	29	REF +5V
L:POWER ON MUTE	30	30	L:POWER ON MUTE

CN500 — FP CONT — FLAT CABLE, 40P (ONE SIDE BOARD IN TYPE)

GND-2	40
GND-2	39
REG +8V-2	38
REG +8V-2	37
REG +5V-2	36
REG +5V-2	35
SYIF3 RDY	34
SYIF3 SCK	33
SYIF3 CMD	32
SYIF3 RES	31
L:SYS RESET	30
L:FP CS	29
FL RDY	28
FL CMD	27
FL RES	26
FL SCK	25
L:FL CS	24
L:POWER ON MUTE	23
NC	22
SC CONT (REM)	21
SYNC CONT (REM)	20
CHROMA PHASE CONT (REM)	19
Y/C DELAY CONT (REM)	18
SET-UP CONT (REM)	17
CHROMA LEVEL CONT (REM)	16
VIDEO LEVEL CONT (REM)	15
CUE REC GAIN	14
CUE PB GAIN	13
CUE GAIN GND	12
REC GAIN GND	11
CH-4 REC GAIN	10
CH-3 REC GAIN	9
CH-2 REC GAIN	8
CH-1 REC GAIN	7
REG -15V-2	6
REG -15V-2	5
REG +15V-2	4
REG +15V-2	3
A GND	2
A GND	1

VR-152

AUDIO REC LEVEL — RV1 CH-1, RV2 CH-2, RV3 CH-3, RV4 CH-4, RV5 CUE

J1 PHONE — RV6 PHONE LEVEL — JW1 — CHASSIS GND

CN512 — MONI L/R — CN145 (5/6) ← SHEET NUMBER OF SCHEMATIC DIAGRAM

MONI L (X)	1	1	1	MONI L (X)	120-28A
MONI L (G)	2	2	2	MONI L (G)	120-28B
MONI L VAR (X)	3	3	3	MONI L VAR (X)	120-29B
MONI L VAR (G)	4	4	4	MONI L VAR (G)	120-29A
MONI R (X)	5	5	5	MONI R (X)	120-30A
MONI R (G)	6	6	6	MONI R (G)	120-30B
MONI R VAR (X)	7	7	7	MONI R VAR (X)	120-31B
MONI R VAR (G)	8	8	8	MONI R VAR (G)	120-31A

FL1004 / FL1005

FP CONT — CN147 (5/6) — FLAT CABLE, 40P (ONE SIDE BOARD IN TYPE)

40	GND-2		
39	GND-2		
38	REG +8V-2		
37	REG +8V-2		
36	REG +5V-2		
35	REG +5V-2		
34	SYIF3 RDY	122-8A. 148-16. 121-45A. 137-30	
33	SYIF3 SCK	122-9B. 148-17. 121-42A. 137-33	
32	SYIF3 CMD	122-9A. 148-19. 121-43A. 137-32	
31	SYIF3 RES	122-8B. 148-18. 121-44A. 137-31	
30	L:SYS RESET	101-44B. 103-53B. 122-35A. 121-22B. 137-29	
29	L:FP CS	122-10A	
28	FL RDY	121-37A	
27	FL CMD	121-40A	
26	FL RES	121-39A	
25	FL SCK	121-38A	
24	L:FL CS	121-36A	
23	L:POWER ON MUTE	120-50A. 105-43A	
22	NC		
21	SC CONT (REM)	131-3	
20	SYNC CONT (REM)	131-1	
19	CHROMA PHASE CONT (REM)	131-2	
18	Y/C DELAY CONT (REM)	131-13	
17	SET-UP CONT (REM)	131-5	
16	CHROMA LEVEL CONT (REM)	131-6	
15	VIDEO LEVEL CONT (REM)	131-4	
14	CUE REC GAIN	105-23B	
13	CUE PB GAIN	105-23A	
12	CUE GAIN GND	105-24A. 24B	
11	REC GAIN GND	120-35A. 35B	
10	CH-4 REC GAIN	120-34B	
9	CH-3 REC GAIN	120-34A	
8	CH-2 REC GAIN	120-33B	
7	CH-1 REC GAIN	120-33A	
6	REG -15V-2		
5	REG -15V-2		
4	REG +15V-2		
3	REG +15V-2		
2	GND-2		
1	GND-2		

CN137 (5/6) — AES/EBU — FLAT CABLE, 34P (ONE SIDE BOARD IN TYPE)

122-11A	L:REM CS	34	
122-9B. 148-17. 121-42A. 147-33	SYIF3 SCK	33	
122-9A. 148-19. 121-43A. 147-32	SYIF3 CMD	32	
122-8B. 148-18. 121-44A. 147-31	SYIF3 RES	31	
122-8A. 148-16. 121-45A. 147-34	SYIF3 RDY	30	
101-44B. 103-53B. 122-35A. 121-22B. 137-29	L:SYS RESET	29	
	REG +5V	28	
	GND	27	
	GND	26	
	REG +15V	25	
	NC	24	
121-21A	AES O 3/4 (G)	23	
121-20B	AES O 3/4 (Y)	22	
121-20A	AES O 3/4 (X)	21	
121-19A	AES O 1/2 (G)	20	
121-18B	AES O 1/2 (Y)	19	
121-18A	AES O 1/2 (X)	18	
121-17A	AES I 3/4 (G)	17	
121-16B	AES I 3/4 (Y)	16	
121-16A	AES I 3/4 (X)	15	
121-15A	AES I 1/2 (G)	14	
121-14B	AES I 1/2 (Y)	13	
121-14A	AES I 1/2 (X)	12	
105-16A. 16B	EXT LTC OUT (G)	11	
105-15B	EXT LTC OUT (Y)	10	
105-15A	EXT LTC OUT (X)	9	
105-13A. 13B	EXT LTC IN (G)	8	
105-12B	EXT LTC IN (Y)	7	
105-12A	EXT LTC IN (X)	6	
105-44B	CUE MIC ON/OFF	5	
119-39B	CH-4 MIC ON/OFF	4	
119-39A	CH-3 MIC ON/OFF	3	
119-38B	CH-2 MIC ON/OFF	2	
119-38A	CH-1 MIC ON/OFF	1	

CN140 (2/6) — CUE IN/OUT

105-26A	CUE IN (X)	1	1
106-26B	CUE IN (Y)	2	2
105-27A. 27B	CUE IN (G)	3	3
105-30A	CUE OUT (X)	4	4
105-30B	CUE OUT (Y)	5	5
105-31A. 31B	CUE OUT (G)	6	6

(MB-441)

SHEET NUMBER OF SCHEMATIC DIAGRAM

BOARD TYPE	MB-441 BOARD REF.NO.	
BKDW-505/506 DEC-65	CN100	
TBC-23	CN101	
DVW-A500/A500P ONLY TBC-24	CN102	(1/6)
DM-89	CN103	
AP-28	CN104	
CUE-1	CN105	
EQ-45	CN106	(2/6)
DIF-16	CN110 CN112	
VPR-1	CN113 CN114 CN115	(3/6)
DPR-36	CN116 CN117 CN118	(4/6)
APR-1	CN119 CN120 CN121	(5/6)
SS-52	CN122 CN123 CN124	(6/6)

CN144 (5/6) — MONI OUT

119-34A	MONITOR L OUT (X)	1	1
119-34B	MONITOR L OUT (Y)	2	2
119-35A. 35B	MONITOR L OUT (G)	3	3
119-36A	MONITOR R OUT (X)	4	4
119-36B	MONITOR R OUT (Y)	5	5
119-37A. 37B	MONITOR R OUT (G)	6	6
	NC	7	7

CN143 (5/6) — AU OUT

119-26A	CH-1 OUT (X)	1	1
119-26B	CH-1 OUT (Y)	2	2
119-27A. 27B	CH-1 OUT (G)	3	3
119-28A	CH-2 OUT (X)	4	4
119-28B	CH-2 OUT (Y)	5	5
119-29A. 29B	CH-2 OUT (G)	6	6
119-30A	CH-3 OUT (X)	7	7
119-30B	CH-3 OUT (Y)	8	8
119-31A. 31B	CH-3 OUT (G)	9	9
119-32A	CH-4 OUT (X)	10	10
119-32B	CH-4 OUT (Y)	11	11
119-33A. 33B	CH-4 OUT (G)	12	12

CN142 (5/6) — AU IN

119-8A. 8B	CH-4 IN (G)	13	13
119-7B	CH-4 IN (Y)	12	12
119-7A	CH-4 IN (X)	11	11
119-6A. 6B	CH-3 IN (G)	10	10
119-5B	CH-3 IN (Y)	9	9
119-5A	CH-3 IN (X)	8	8
119-4A. 4B	CH-2 IN (G)	7	7
119-3B	CH-2 IN (Y)	6	6
119-3A	CH-2 IN (X)	5	5
119-2A. 2B	CH-1 IN (G)	4	4
119-1B	CH-1 IN (Y)	3	3
119-1A	CH-1 IN (X)	2	2
	NC	1	1

(WHT)

DP-176

CN591

SEGMENT G	1
SEGMENT F	2
SEGMENT E	3
SEGMENT D	4
SEGMENT C	5
SEGMENT B	6
SEGMENT A	7
DIGIT 10H	8
DIGIT 1H	9
DIGIT 10M	10
DIGIT 1M	11
DIGIT 10S	12
DIGIT 1S	13
DIGIT 10F	14
DIGIT 1F	15
NC	16
NC	17
RESET SW	18
RESET SCAN	19
NC	20
NC	21
NC	22
NC	23

FLAT JUMPER WIRE, 23P — TIME COUNTER DISPLAY

KY-231

CN591

1	SEGMENT G
2	SEGMENT F
3	SEGMENT E
4	SEGMENT D
5	SEGMENT C
6	SEGMENT B
7	SEGMENT A
8	DIGIT 10H
9	DIGIT 1H
10	DIGIT 10M
11	DIGIT 1M
12	DIGIT 10S
13	DIGIT 1S
14	DIGIT 10F
15	DIGIT 1F
16	NC
17	NC
18	RESET SW
19	RESET SCAN
20	NC
21	NC
22	NC
23	NC

CN590 — KEY CONT — FLAT CABLE, 16P (ONE SIDE BOARD IN TYPE) — LOWER CONTROL PANEL

GND-2	1
GND-2	2
GND-2	3
REG +8V-2	4
REG +8V-2	5
REG +8V-2	6
KY COMMAND (X)	7
KY STATUS (X)	8
KY STATUS (Y)	9
KY COMMAND (Y)	10
KY ADDRESS	11
KY TEST	12
NC	13
NC	14
DIAL SOL +8V	15
GND-2	16

PTC-69

CN1 — JOG DIAL — CN592

+5V	1	1	1	1	+5V
DIAL A	2	2	2	2	DIAL A
DIAL B	3	3	3	3	DIAL B
DIAL STILL	4	4	4	4	DIAL STILL
H:JOG/L:SHUTTLE	5	5	5	5	H:JOG/L:SHUTTLE
GND-2	6	6	6	6	GND-2
DIAL MODE	7	7	7	7	DIAL MODE
DIAL SOL. HOLDER	8	8	8	8	DIAL SOL. HOLDER
DIAL SOL. STARTER	9	9	9	9	DIAL SOL. STARTER
DIAL SOL. +8V	10	10	10	10	DIAL SOL. +8V

CN2

DIAL SOL. +8V	1	1	2
DIAL SOL. STARTER	2	2	9
DIAL SOL. HOLDER	3	3	0

SERACH DIAL SENSORS — PM005 DIAL SOL.

SWC-19

CN580 (2/2)

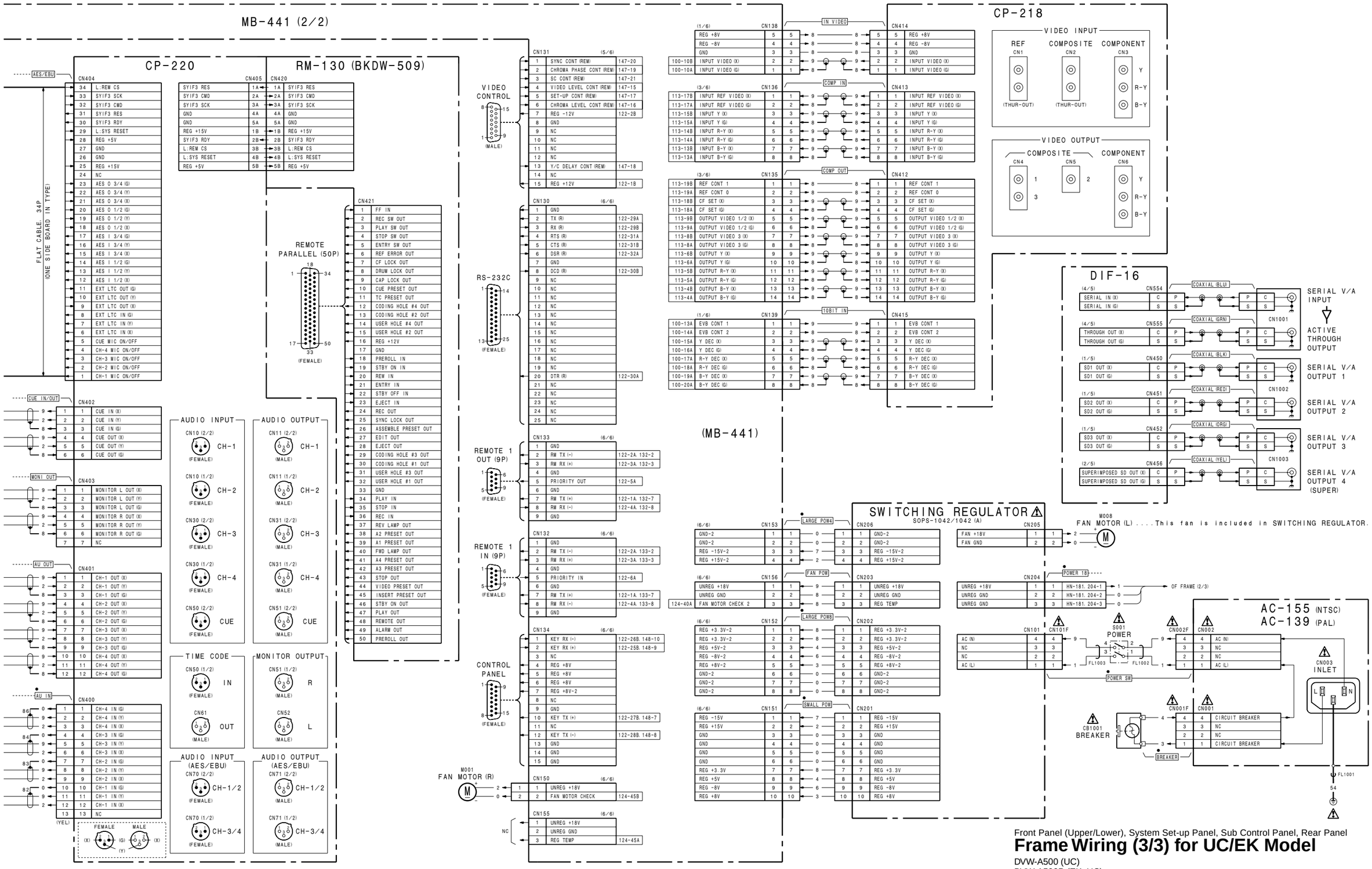
1	GND-2
2	GND-2
3	GND-2
4	REG +8V-2
5	REG +8V-2
6	REG +8V-2
7	KEY TX (+)
8	KEY RX (+)
9	KEY RX (-)
10	KEY TX (-)
11	KY ADDRESS
12	KY TEST
13	NC
14	NC
15	REG +8V-2
16	GND-2

SHEET NUMBER OF SCHEMATIC DIAGRAM

CN148 (6/6) — CN148 (6/6) — SYSTEM SET-UP PANEL

REG +8V-2	1	1	REG +8V-2	
REG +8V-2	2	2	REG +8V-2	
REG +8V-2	3	3	REG +8V-2	
GND-2	4	4	GND-2	
GND-2	5	5	GND-2	
GND-2	6	6	GND-2	
KEY TX (+)	7	7	KEY TX (+)	122-27B. 134-10
KEY TX (-)	8	8	KEY TX (-)	122-28B. 134-12
KEY RX (+)	9	9	KEY RX (+)	122-25B. 134-2
KEY RX (-)	10	10	KEY RX (-)	122-26B. 134-1
REG +5V-2	11	11	REG +5V-2	
REG +5V-2	12	12	REG +5V-2	
GND-2	13	13	GND-2	
GND-2	14	14	GND-2	
L:HW CS	15	15	L:HW CS	122-11B
SYIF3 RDY	16	16	SYIF3 RDY	122-8A. 121-45A. 147-34. 137-30
SYIF3 SCK	17	17	SYIF3 SCK	122-9B. 121-42A. 147-33. 137-33
SYIF3 RES	18	18	SYIF3 RES	122-8B. 121-44A. 147-31. 137-31
SYIF3 CMD	19	19	SYIF3 CMD	122-9A. 121-43A. 147-32. 137-32
NC	20	20	NC	

(2/2) (1/2)



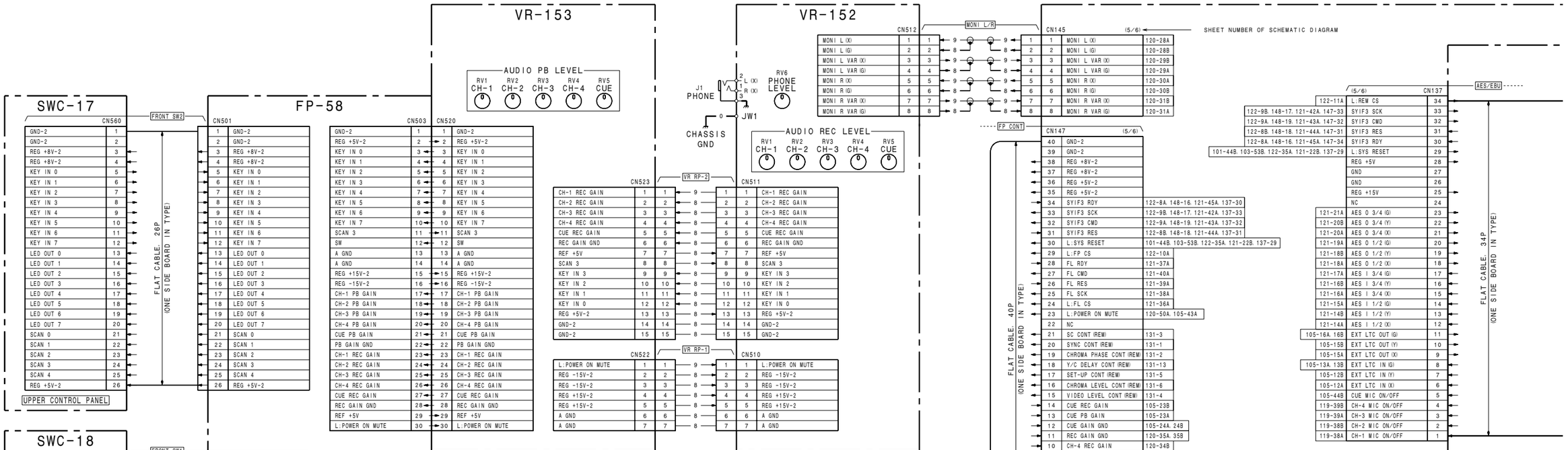
Front Panel (Upper/Lower), System Set-up Panel, Sub Control Panel, Rear Panel

Frame Wiring (3/3) for UC/EK Model

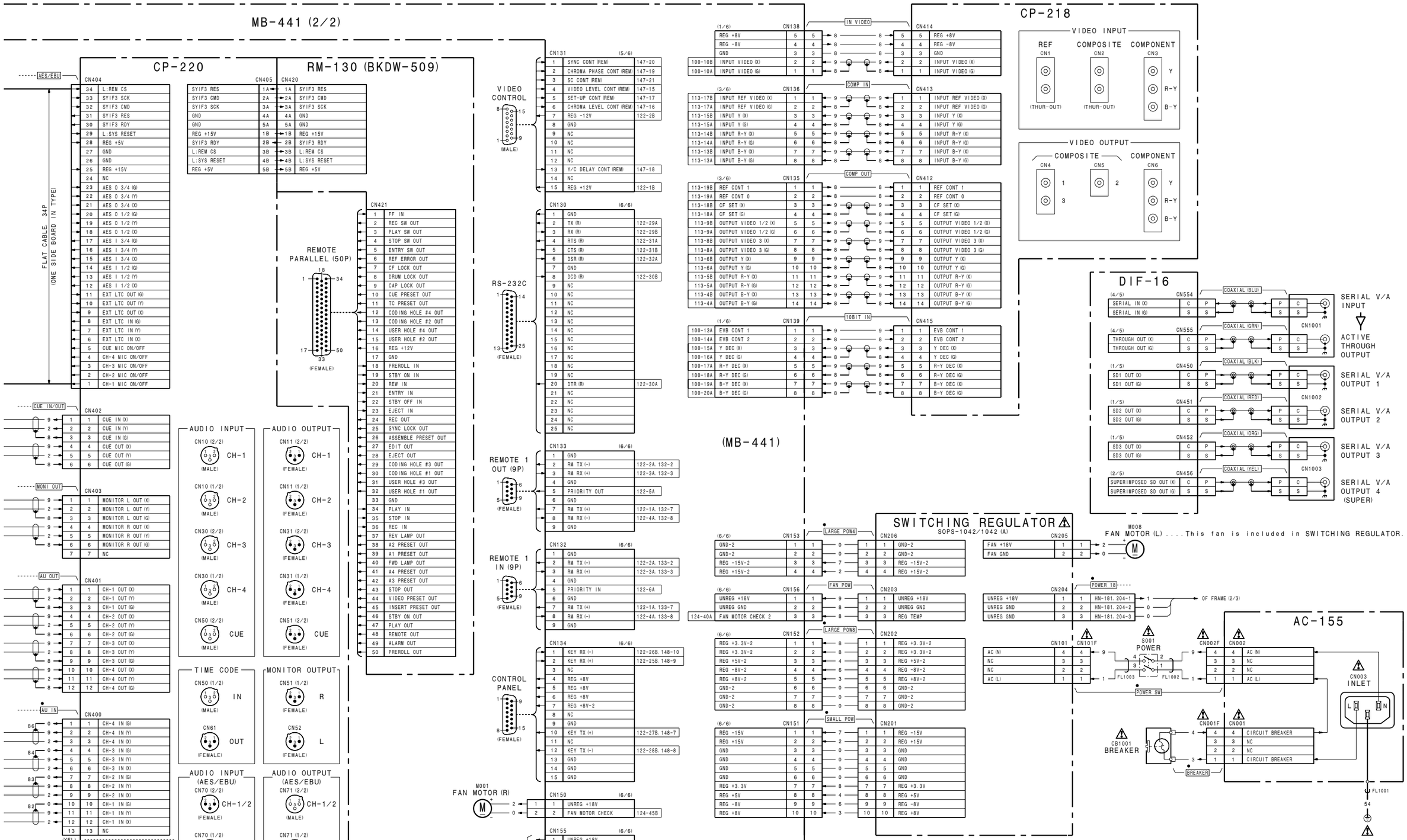
DVW-A500 (UC)
DVW-A500P (EK, UC)
DVW-500 (UC)
DVW-500P (EK, UC)

DVW-FRAME-ALL-REC-S/M-06

Frame Wiring (3/3) Recorder (J) Model



Frame Wiring (3/3) Recorder (J) Model



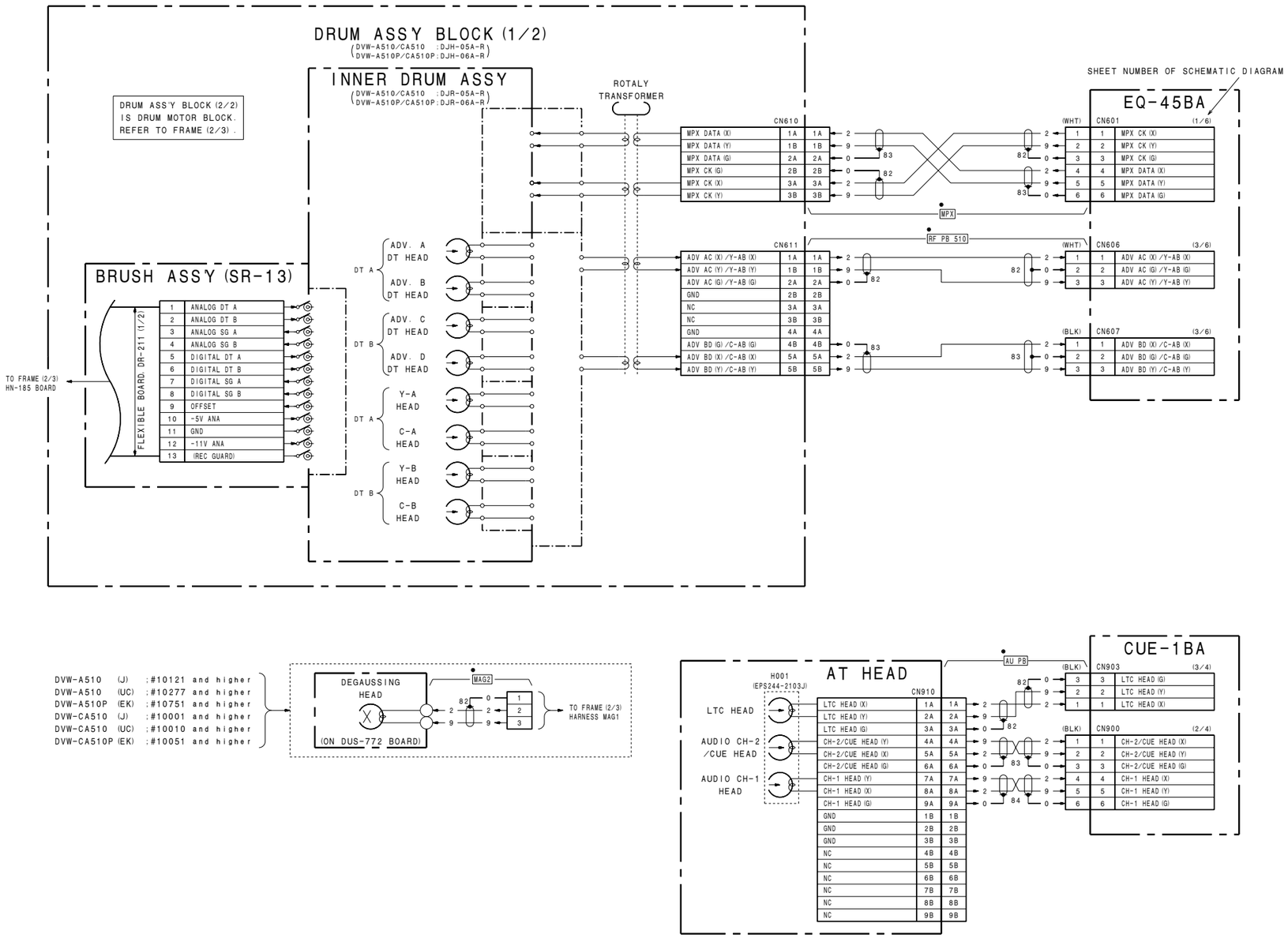
Front Panel (Upper/Lower), System Set-up Panel, Sub Control Panel, Rear Panel

Frame Wiring (3/3) for J Model

DVW-A500 (J)
DVW-500 (J)

DVW-FRAME-ALL-REC-S/M-06

Frame Wiring (1/3) Player DVW-A510/A510P/CA510/CA510P



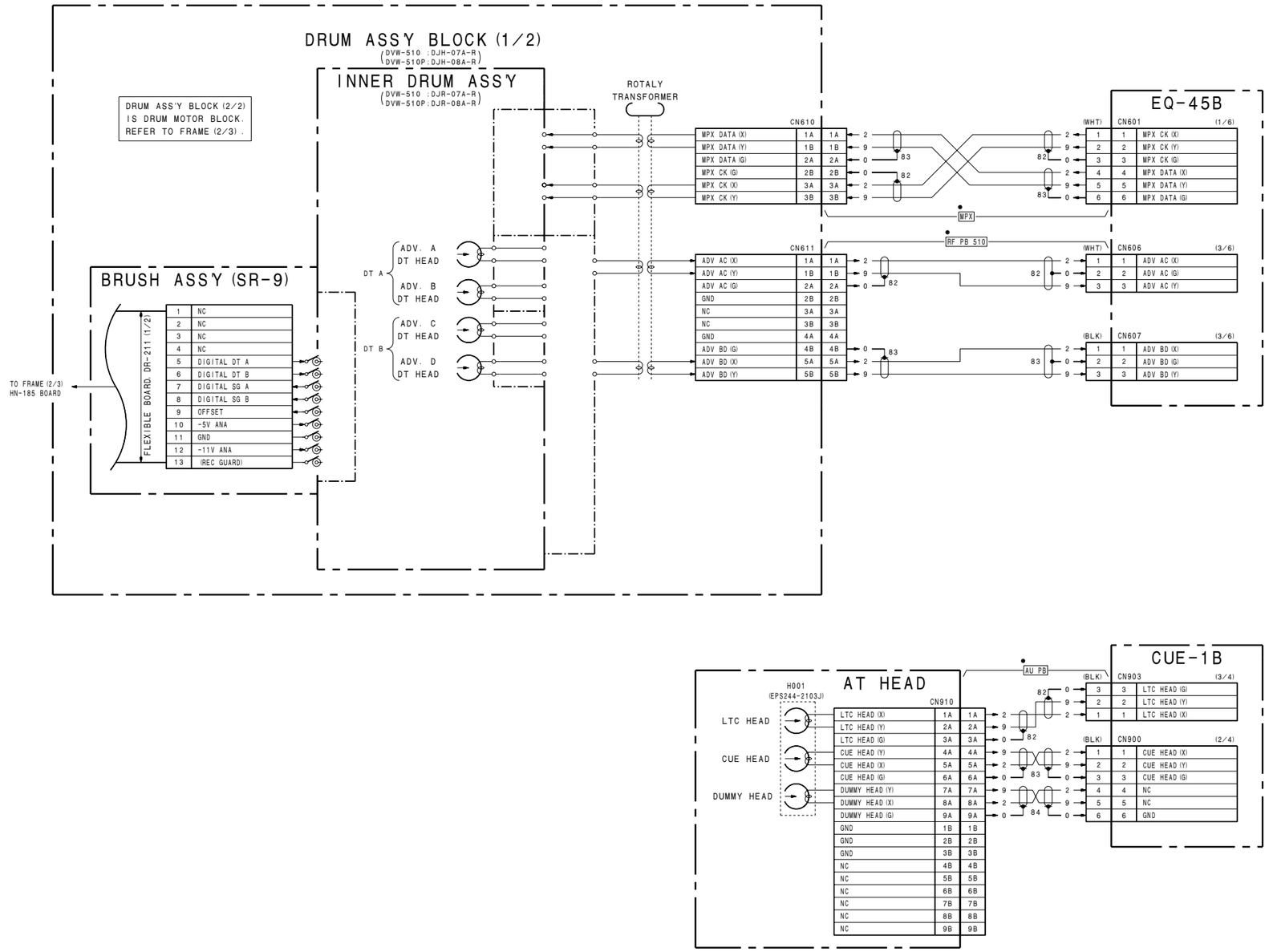
Drum, Heads (Except CTL Head)

Frame Wiring (1/3)

DVW-A510 (J, UC)
DVW-A510P (EK)
DVW-CA510 (J, UC)
DVW-CA510P (EK)

DVW-FRAME-ALL-PLAY-S/M-04

Frame Wiring (1/3) Player DVW-510/510P

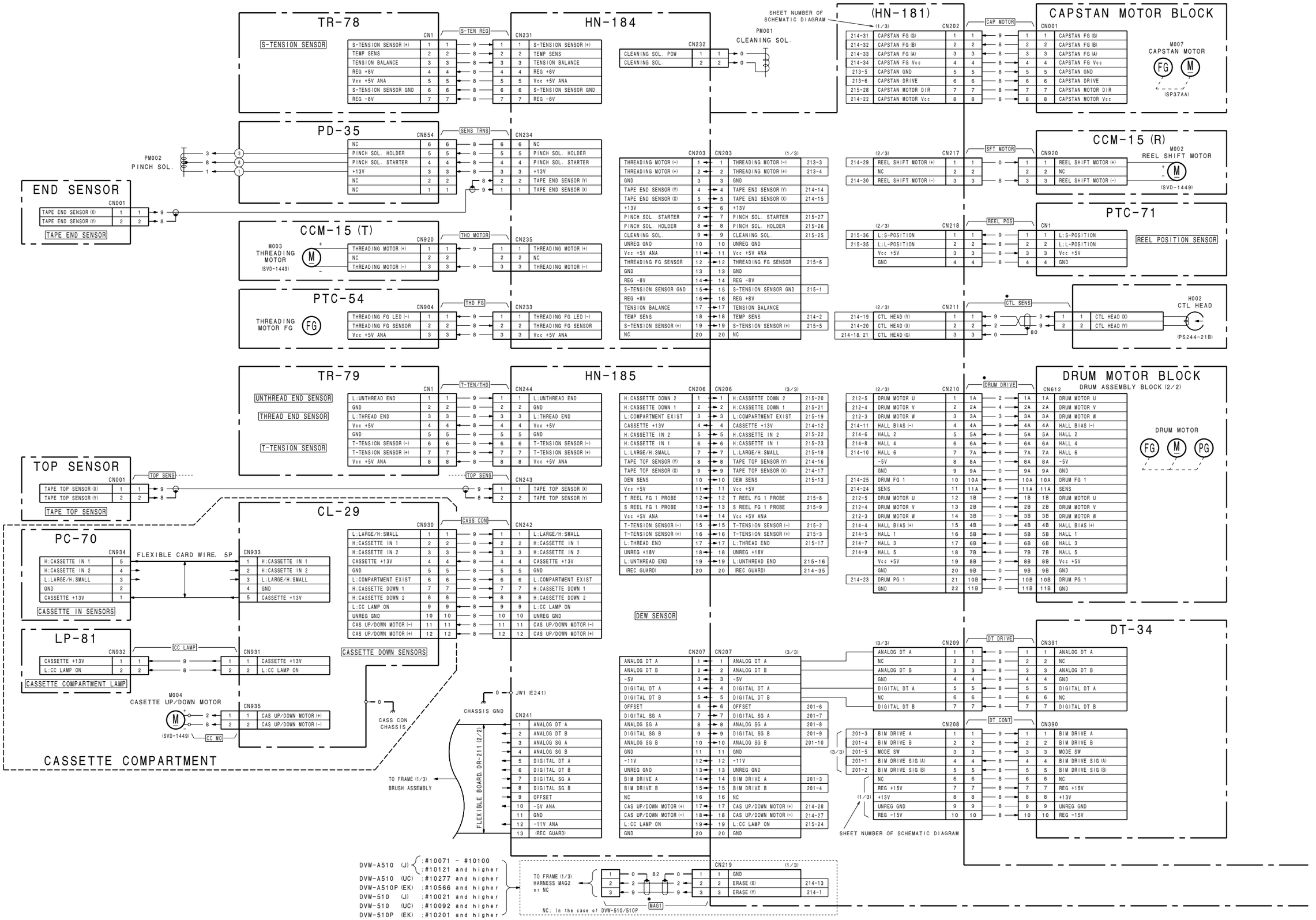


Drum, Heads (Except CTL Head)

Frame Wiring (1/3)

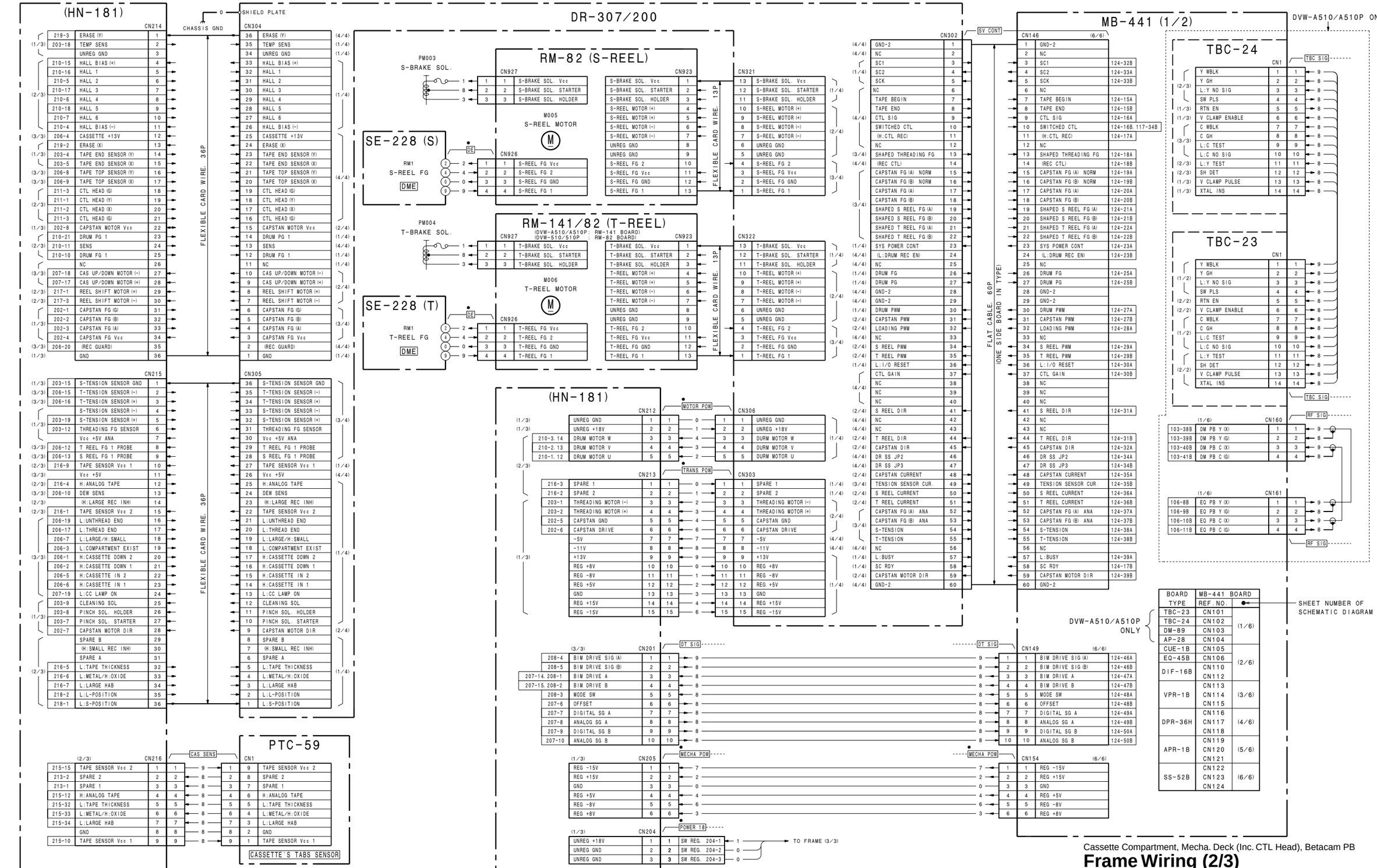
DVW-510 (J, UC)
DVW-510P (EK)
DVW-FRAME-ALL-PLAY-S/M-04

Frame Wiring (2/3) Player DVW-A510/510/A510P/510P



2-12

Frame Wiring (2/3) Player DVW-A510/510/A510P/510P



Cassette Compartment, Mecha. Deck (Inc. CTL Head), Betacam PB

Frame Wiring (2/3)

DVW-A510 (J, UC)
DVW-A510P (EK)
DVW-510 (J, UC)
DVW-510P (EK)

DVW-FRAME-ALL-PLAY-S/M-04

Frame Wiring (2/3) Player DVW-CA510/CA510P

EJECTOR ASSEMBLY

IF-36

CD				
1	1	(BLK) CN1104	1	L:C. IN
2	3		2	L:C. OUT
3	4		3	L:VS1
4	6		4	L:VS2
5	8		5	L:VS3
6	9		6	L:VMON
7	96		7	L:VM A
8	97		8	L:VM B
9	98		9	L:ON AIR
10	94		10	L:VOK
		(BRN) CN1103		
11	2		1	+5V
12	2		2	+5V
13	2		3	+5V
14	2		4	+5V
15	0		5	GND
16	0		6	GND
17	0		7	GND
18	0		8	GND
19	7		9	+24V
20	7		10	+24V

CN1201 CART (20P) — 8, 14, 1, 20, 7, 13 (MALE)

LED	A	2 → A
L:VS1	B	9 → B
GND	C	0 → C

SE-237/DU-91 EJECTOR ARM SENSOR

S901 VTR LOCK — MSW — CN1102

1	1	NC	
4 → 2	2	L:VOK	
0 → 3	3	GND	

M1001 EJECTOR MOTOR (KNS-1600A) — CN1101

0 → 1	1	A COM	
2 → 2	2	A (+)	
4 → 3	3	A (-)	
9 → 4	4	B COM	
6 → 5	5	B (+)	
3 → 6	6	B (-)	

CN1105 — TCL-1

L:VS3	1	1 → 1	1	L:VS3
L:VS2	2	3 → 2	2	L:VS2
L:C. OUT	3	4 → 3	3	L:C. OUT
L:C. IN	4	6 → 4	4	L:C. IN
H:ON AIR	5	8 → 5	5	H:ON AIR
+5V (C)	6	2 → 6	6	+5V (C)
UNREG GND	7	0 → 7	7	UNREG GND
UNREG GND	8	9 → 8	8	UNREG GND

CN286

CASSETTE COMPARTMENT

M801 CASETTE UP/DOWN MOTOR (SVD-1449) — MTR-C — CN285

2 →	1	CC. MOTOR (+)	1	→ 2
	2	NC	2	
1 →	3	CC. MOTOR (-)	3	→ 1

SE-225 CASSETTE DOWN SENSOR (1) — C-IN — CN287

D → 8	1	F.G.	1	6 ← D
B → 0	2	C. IN SENSOR Vcc	2	3 ← A
C → 0	3	UNREG GND	3	0 ← C
A → 3	4	H:CASSETTE IN	4	4 ← B

SE-225 CASSETTE IN SENSOR

SEN-1 — CN284

8 →	1	H:CC. DOWN 1	1	← 8
0 →	2	UNREG GND	2	← 0
3 →	3	C. DOWN SENSOR 1 Vcc	3	← 3
3 →	4	C. DOWN SENSOR 2 Vcc	4	← 3
0 →	5	UNREG GND	5	← 0
9 →	6	H:CC. DOWN 2	6	← 9

SE-226 CASSETTE DOWN SENSOR (2) — SEN-1

SE-237/DU-91 CASSETTE OUT SENSER — SEN-2

SE-237/DU-91 CASSETTE SENSOR — VS-3 — CN283

4 →	1	L:VS3	1	← 4
0 →	2	UNREG GND	2	← 0
3 →	3	CASSETTE SENSOR Vcc	3	← 3

SEN-2 — CN282

7 →	1	L:VS2	1	← 7
0 →	2	UNREG GND	2	← 0
3 →	3	C. OUT SENSOR Vcc	3	← 3

LED-200 ON AIR TALLY — CN1

CASSETTE +13V	1	1	3 → 1	CASSETTE +13V
NC	2	2	0 → 2	NC
L:ON AIR	3	3	1 → 3	L:ON AIR

DA-1 — CN281

1	1	CASSETTE +13V	1	→ 3
2	2	NC	2	→ 0
3	3	L:ON AIR	3	→ 1

END SENSOR

CN001

TAPE END SENSOR (X)	1	1	9 →	1
TAPE END SENSOR (Y)	2	2	8 →	2

TAPE END SENSOR

TOP SENSOR

CN001

TAPE TOP SENSOR (X)	1	1	9 →	1
TAPE TOP SENSOR (Y)	2	2	8 →	2

TAPE TOP SENSOR — TOP SENS

PM002 PINCH SOL. — 3, 8, 1

TR-78

S-TENSION SENSOR — CN1 — S-TEN REG — CN231

S-TENSION SENSOR (+)	1	1 → 9	1	1	1	S-TENSION SENSOR (+)
TEMP SENS	2	2 → 8	2	2	2	TEMP SENS
TENSION BALANCE	3	3 → 8	3	3	3	TENSION BALANCE
REG +8V	4	4 → 8	4	4	4	REG +8V
Vcc +5V ANA	5	5 → 8	5	5	5	Vcc +5V ANA
S-TENSION SENSOR GND	6	6 → 8	6	6	6	S-TENSION SENSOR GND
REG -8V	7	7 → 8	7	7	7	REG -8V

PD-35

CN854 — SENS TRNS — CN234

NC	6	6 → 8	6	6	6	NC
PINCH SOL. HOLDER	5	5 → 8	5	5	5	PINCH SOL. HOLDER
PINCH SOL. STARTER	4	4 → 8	4	4	4	PINCH SOL. STARTER
+13V	3	3 → 8	3	3	3	+13V
NC	2	2 → 8	2	2	2	TAPE END SENSOR (Y)
NC	1	1 → 9	1	1	1	TAPE END SENSOR (X)

CCM-15 (T)

M003 THREADING MOTOR (SVD-1449) — CN920 — THD MOTOR — CN235

THREADING MOTOR (+)	1	1 → 9	1	1	1	THREADING MOTOR (+)
NC	2	2	2	2	2	NC
THREADING MOTOR (-)	3	3 → 8	3	3	3	THREADING MOTOR (-)

PTC-54

THREADING MOTOR FG — CN904 — THD FG — CN233

THREADING FG LED (-)	1	1 → 9	1	1	1	THREADING FG LED (-)
THREADING FG SENSOR	2	2 → 8	2	2	2	THREADING FG SENSOR
Vcc +5V ANA	3	3 → 8	3	3	3	Vcc +5V ANA

TR-79

UNTHREAD END SENSOR
THREAD END SENSOR
T-TENSION SENSOR

CN1 — T-TEN/THD — CN244

L:UNTHREAD END	1	1 → 9	1	1	1	L:UNTHREAD END
GND	2	2 → 8	2	2	2	GND
L:THREAD END	3	3 → 8	3	3	3	L:THREAD END
Vcc +5V	4	4 → 8	4	4	4	Vcc +5V
GND	5	5 → 8	5	5	5	GND
T-TENSION SENSOR (-)	6	6 → 8	6	6	6	T-TENSION SENSOR (-)
T-TENSION SENSOR (+)	7	7 → 8	7	7	7	T-TENSION SENSOR (+)
Vcc +5V ANA	8	8 → 8	8	8	8	+5V ANA

TOP SENS — CN243

9 →	1	TAPE TOP SENSOR (X)	1	→ 9
8 →	2	TAPE TOP SENSOR (Y)	2	→ 8

CL-28

CN286 — CLV-1 — CN242

NC	1	1 → 4	1	1	1	L:LARGE/H:SMALL
H:CASSETTE IN 1	2	2 → 4	2	2	2	H:CASSETTE IN 1
H:CASSETTE IN 2	3	3 → 4	3	3	3	H:CASSETTE IN 2
CASSETTE +13V	4	4 → 3	4	4	4	CASSETTE +13V
NC	5	5	5	5	5	GND
L:COMPARTMENT EXIST	6	6 → 0	6	6	6	L:COMPARTMENT EXIST
H:CASSETTE DOWN 1	7	7 → 8	7	7	7	H:CASSETTE DOWN 1
H:CASSETTE DOWN 2	8	8 → 9	8	8	8	H:CASSETTE DOWN 2
NC	9	9	9	9	9	L:CC LAMP ON
UNREG GND	10	10 → 0	10	10	10	UNREG GND
CC. MOTOR (+)	11	11 → 2	11	11	11	CAS UP/DOWN MOTOR (-)
CC. MOTOR (-)	12	12 → 1	12	12	12	CAS UP/DOWN MOTOR (+)

CN280

HN-184

CN231 — S-TEN REG — TR-78

S-TENSION SENSOR (+)	1	1 → 9	1	1	1	S-TENSION SENSOR (+)
TEMP SENS	2	2 → 8	2	2	2	TEMP SENS
TENSION BALANCE	3	3 → 8	3	3	3	TENSION BALANCE
REG +8V	4	4 → 8	4	4	4	REG +8V
Vcc +5V ANA	5	5 → 8	5	5	5	Vcc +5V ANA
S-TENSION SENSOR GND	6	6 → 8	6	6	6	S-TENSION SENSOR GND
REG -8V	7	7 → 8	7	7	7	REG -8V

CN234 — SENS TRNS — PD-35

NC	6	6 → 8	6	6	6	NC
PINCH SOL. HOLDER	5	5 → 8	5	5	5	PINCH SOL. HOLDER
PINCH SOL. STARTER	4	4 → 8	4	4	4	PINCH SOL. STARTER
+13V	3	3 → 8	3	3	3	+13V
TAPE END SENSOR (Y)	2	2 → 8	2	2	2	TAPE END SENSOR (Y)
TAPE END SENSOR (X)	1	1 → 9	1	1	1	TAPE END SENSOR (X)

CN235 — THD MOTOR — CCM-15 (T)

THREADING MOTOR (+)	1	1 → 9	1	1	1	THREADING MOTOR (+)
NC	2	2	2	2	2	NC
THREADING MOTOR (-)	3	3 → 8	3	3	3	THREADING MOTOR (-)

CN233 — THD FG — PTC-54

THREADING FG LED (-)	1	1 → 9	1	1	1	THREADING FG LED (-)
THREADING FG SENSOR	2	2 → 8	2	2	2	THREADING FG SENSOR
Vcc +5V ANA	3	3 → 8	3	3	3	Vcc +5V ANA

CHASSIS GND — 0 — JW1 (E241)

CN241 — FLEXIBLE BOARD DR-211 (2/2) — TO FRAME (1/3) BRUSH ASSEMBLY

ANALOG DT A	1	1 → 1	1	1	1	ANALOG DT A
ANALOG DT B	2	2 → 2	2	2	2	ANALOG DT B
ANALOG SG A	3	3 → 3	3	3	3	ANALOG SG A
ANALOG SG B	4	4 → 4	4	4	4	ANALOG SG B
DIGITAL DT A	5	5 → 5	5	5	5	DIGITAL DT A
DIGITAL DT B	6	6 → 6	6	6	6	DIGITAL DT B
DIGITAL SG A	7	7 → 7	7	7	7	DIGITAL SG A
DIGITAL SG B	8	8 → 8	8	8	8	DIGITAL SG B
OFFSET	9	9 → 9	9	9	9	OFFSET
-5V ANA	10	10 → 10	10	10	10	-5V ANA
GND	11	11 → 11	11	11	11	GND
-11V ANA	12	12 → 12	12	12	12	-11V ANA
(REC GUARD)	13	13 → 13	13	13	13	(REC GUARD)

HN-185

CN244 — T-TEN/THD — TR-79

L:UNTHREAD END	1	1 → 9	1	1	1	L:UNTHREAD END
GND	2	2 → 8	2	2	2	GND
L:THREAD END	3	3 → 8	3	3	3	L;THREAD END
Vcc +5V	4	4 → 8	4	4	4	Vcc +5V
GND	5	5 → 8	5	5	5	GND
T-TENSION SENSOR (-)	6	6 → 8	6	6	6	T-TENSION SENSOR (-)
T-TENSION SENSOR (+)	7	7 → 8	7	7	7	T-TENSION SENSOR (+)
Vcc +5V ANA	8	8 → 8	8	8	8	+5V ANA

CN232 — PM001 CLEANING SOL.

CLEANING SOL. POW	1	1 → 0	1	→ 0
CLEANING SOL.	2	2 → 0	2	→ 0

CN203 — CN203 (1/3)

THREADING MOTOR (-)	1	1	THREADING MOTOR (-)	213-3
THREADING MOTOR (+)	2	2	THREADING MOTOR (+)	213-4
GND	3	3	GND	
TAPE END SENSOR (Y)	4	4	TAPE END SENSOR (Y)	214-14
TAPE END SENSOR (X)	5	5	TAPE END SENSOR (X)	214-15
+13V	6	6	+13V	
PINCH SOL. STARTER	7	7	PINCH SOL. STARTER	215-27
PINCH SOL. HOLDER	8	8	PINCH SOL. HOLDER	215-26
CLEANING SOL.	9	9	CLEANING SOL.	215-25
UNREG GND	10	10	UNREG GND	
Vcc +5V ANA	11	11	Vcc +5V ANA	
THREADING FG SENSOR	12	12	THREADING FG SENSOR	215-6
GND	13	13	GND	
REG -8V	14	14	REG -8V	
S-TENSION SENSOR GND	15	15	S-TENSION SENSOR GND	215-1
REG +8V	16	16	REG +8V	
TENSION BALANCE	17	17	TENSION BALANCE	
TEMP SENS	18	18	TEMP SENS	214-2
S-TENSION SENSOR (+)	19	19	S-TENSION SENSOR (+)	215-5
NC	20	20	NC	

CN206 — CN206 (3/3)

H:CASSETTE DOWN 2	1	1	H:CASSETTE DOWN 2	215-20
H:CASSETTE DOWN 1	2	2	H:CASSETTE DOWN 1	215-21
L:COMPARTMENT EXIST	3	3	L:COMPARTMENT EXIST	215-19
CASSETTE +13V	4	4	CASSETTE +13V	214-12
H:CASSETTE IN 2	5	5	H:CASSETTE IN 2	215-22
H:CASSETTE IN 1	6	6	H:CASSETTE IN 1	215-23
L:LARGE/H:SMALL	7	7	L:LARGE/H:SMALL	215-18
TAPE TOP SENSOR (Y)	8	8	TAPE TOP SENSOR (Y)	214-16
TAPE TOP SENSOR (X)	9	9	TAPE TOP SENSOR (X)	214-17
DEW SENS	10	10	DEW SENS	215-13
Vcc +5V	11	11	Vcc +5V	
T REEL FG 1 PROBE	12	12	T REEL FG 1 PROBE	215-8
S REEL FG 1 PROBE	13	13	S REEL FG 1 PROBE	215-9
Vcc +5V ANA	14	14	Vcc +5V ANA	
T-TENSION SENSOR (-)	15	15	T-TENSION SENSOR (-)	215-2
T-TENSION SENSOR (+)	16	16	T-TENSION SENSOR (+)	215-3
L:THREAD END	17	17	L:THREAD END	215-17
UNREG +18V	18	18	UNREG +18V	
L:UNTHREAD END	19	19	L:UNTHREAD END	215-16
(REC GUARD)	20	20	(REC GUARD)	214-35

DEW SENSOR

CN207 — CN207 (3/3)

ANALOG DT A	1	1	ANALOG DT A	
ANALOG DT B	2	2	ANALOG DT B	
-5V	3	3	-5V	
DIGITAL DT A	4	4	DIGITAL DT A	
DIGITAL DT B	5	5	DIGITAL DT B	
OFFSET	6	6	OFFSET	201-6
DIGITAL SG A	7	7	DIGITAL SG A	201-7
ANALOG SG A	8	8	ANALOG SG A	201-8
DIGITAL SG B	9	9	DIGITAL SG B	201-9
ANALOG SG B	10	10	ANALOG SG B	201-10
GND	11	11	GND	
-11V	12	12	-11V	
UNREG GND	13	13	UNREG GND	
BIM DRIVE A	14	14	BIM DRIVE A	201-3
BIM DRIVE B	15	15	BIM DRIVE B	201-4
NC	16	16	NC	
CAS UP/DOWN MOTOR (+)	17	17	CAS UP/DOWN MOTOR (+)	214-28
CAS UP/DOWN MOTOR (-)	18	18	CAS UP/DOWN MOTOR (-)	214-27
L:CC LAMP ON	19	19	L:CC LAMP ON	215-24
GND	20	20	GND	

TO FRAME (1/3) HARNESS MAG2 — 1, 2, 3 — 0, 2, 9 — 82 — 0, 2, 9 — MAG1

CN219 (1/3)

1	1	GND		
2	2	ERASE (X)	214-13	
3	3	ERASE (Y)	214-1	

DVW-CA510 (J) ; #10001 and higher
DVW-CA510 (UC) ; #10010 and higher
DVW-CA510P (EK) ; #10036 and higher

SHEET NUMBER OF SCHEMATIC DIAGRAM

(HN-181)

CN202 (1/3) — CAP MOTOR — CAPSTAN MOTOR BLOCK CN001

214-31	CAPSTAN FG (G)	1	1 → 9	1	1	CAPSTAN FG (G)
214-32	CAPSTAN FG (B)	2	2 → 8	2	2	CAPSTAN FG (B)
214-33	CAPSTAN FG (A)	3	3 → 8	3	3	CAPSTAN FG (A)
214-34	CAPSTAN FG Vcc	4	4 → 8	4	4	CAPSTAN FG Vcc
213-5	CAPSTAN GND	5	5 → 8	5	5	CAPSTAN GND
213-6	CAPSTAN DRIVE	6	6 → 8	6	6	CAPSTAN DRIVE
215-28	CAPSTAN MOTOR DIR	7	7 → 8	7	7	CAPSTAN MOTOR DIR
214-22	CAPSTAN MOTOR Vcc	8	8 → 8	8	8	CAPSTAN MOTOR Vcc

M007 CAPSTAN MOTOR (FG, M) (SP37AA)

CCM-15 (R)

(2/3) CN217 — SFT MOTOR — CN920 — M002 REEL SHIFT MOTOR (SVD-1449)

214-29	REEL SHIFT MOTOR (+)	1	1 → 0	1	1	REEL SHIFT MOTOR (+)
	NC	2	2	2	2	NC
214-30	REEL SHIFT MOTOR (-)	3	3 → 8	3	3	REEL SHIFT MOTOR (-)

PTC-71

(2/3) CN218 — REEL POS — CN1 — REEL POSITION SENSOR

215-36	L:S-POSITION	1	1 → 9	1	1	L:S-POSITION
215-35	L:L-POSITION	2	2 → 8	2	2	L:L-POSITION
	Vcc +5V	3	3 → 8	3	3	Vcc +5V
	GND	4	4 → 8	4	4	GND

(2/3) CN211 — CTL SENS — H002 CTL HEAD (PS244-21B)

214-19	CTL HEAD (Y)	1	1 → 9	1	1	CTL HEAD (X)
214-20	CTL HEAD (X)	2	2 → 9	2	2	CTL HEAD (Y)
214-18.21	CTL HEAD (G)	3	3 → 0	80		

DRUM MOTOR BLOCK

DRUM ASSEMBLY BLOCK (2/2)

(2/3) CN210 — DRUM DRIVE — CN612

212-5	DRUM MOTOR U	1	1A → 2	1A	1A	DRUM MOTOR U
212-4	DRUM MOTOR V	2	2A → 4	2A	2A	DRUM MOTOR V
212-3	DRUM MOTOR W	3	3A → 3	3A	3A	DRUM MOTOR W
214-11	HALL BIAS (-)	4	4A → 9	4A	4A	HALL BIAS (-)
214-6	HALL 2	5	5A → 8	5A	5A	HALL 2
214-8	HALL 4	6	6A → 8	6A	6A	HALL 4
214-10	HALL 6	7	7A → 8	7A	7A	HALL 6
	-5V	8	8A → 1	8A	8A	-5V
	GND	9	9A → 0	9A	9A	GND
214-25	DRUM FG 1	10	10A → 6	10A	10A	DRUM FG 1
214-24	SENS	11	11A → 8	11A	11A	SENS
212-5	DRUM MOTOR U	12	1B → 2	1B	1B	DRUM MOTOR U
212-4	DRUM MOTOR V	13	2B → 4	2B	2B	DRUM MOTOR V
212-3	DRUM MOTOR W	14	3B → 3	3B	3B	DRUM MOTOR W
214-4	HALL BIAS (+)	15	4B → 9	4B	4B	HALL BIAS (+)
214-5	HALL 1	16	5B → 8	5B	5B	HALL 1
214-7	HALL 3	17	6B → 8	6B	6B	HALL 3
214-9	HALL 5	18	7B → 8	7B	7B	HALL 5
	Vcc +5V	19	8B → 2	8B	8B	Vcc +5V
	GND	20	9B → 0	9B	9B	GND
214-23	DRUM PG 1	21	10B → 7	10B	10B	DRUM PG 1
	GND	22	11B → 0	11B	11B	GND

DRUM MOTOR (FG, M, PG)

DT-34

(3/3) CN209 — DT DRIVE — CN391

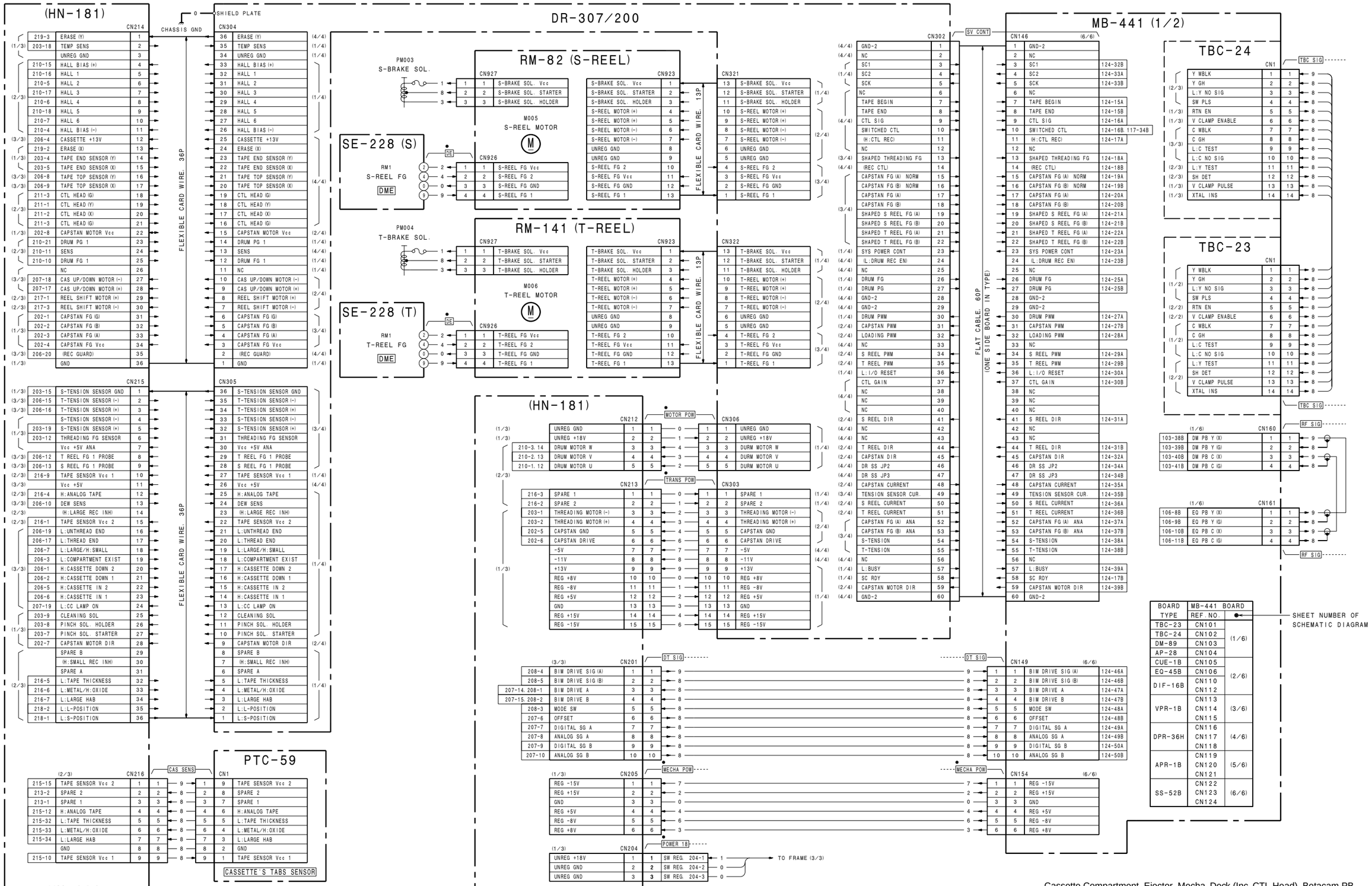
ANALOG DT A	1	1 → 9	1	1	1	ANALOG DT A
NC	2	2 → 8	2	2	2	NC
ANALOG DT B	3	3 → 8	3	3	3	ANALOG DT B
GND	4	4 → 8	4	4	4	GND
DIGITAL DT A	5	5 → 8	5	5	5	DIGITAL DT A
NC	6	6 → 8	6	6	6	NC
DIGITAL DT B	7	7 → 8	7	7	7	DIGITAL DT B

CN208 — DT CONT — CN390

201-3	BIM DRIVE A	1	1 → 9	1	1	BIM DRIVE A
201-4	BIM DRIVE B	2	2 → 8	2	2	BIM DRIVE B
201-5	MODE SW	3	3 → 8	3	3	MODE SW
201-1	BIM DRIVE SIG (A)	4	4 → 8	4	4	BIM DRIVE SIG (A)
201-2	BIM DRIVE SIG (B)	5	5 → 8	5	5	BIM DRIVE SIG (B)
	NC	6	6 → 8	6	6	NC
	REG +15V	7	7 → 8	7	7	REG +15V
	+13V	8	8 → 8	8	8	+13V
	UNREG GND	9	9 → 8	9	9	UNREG GND
	REG -15V	10	10 → 8	10	10	REG -15V

(3/3) — (1/3) — SHEET NUMBER OF SCHEMATIC DIAGRAM

Frame Wiring (2/3) Player DVW-CA510/CA510P



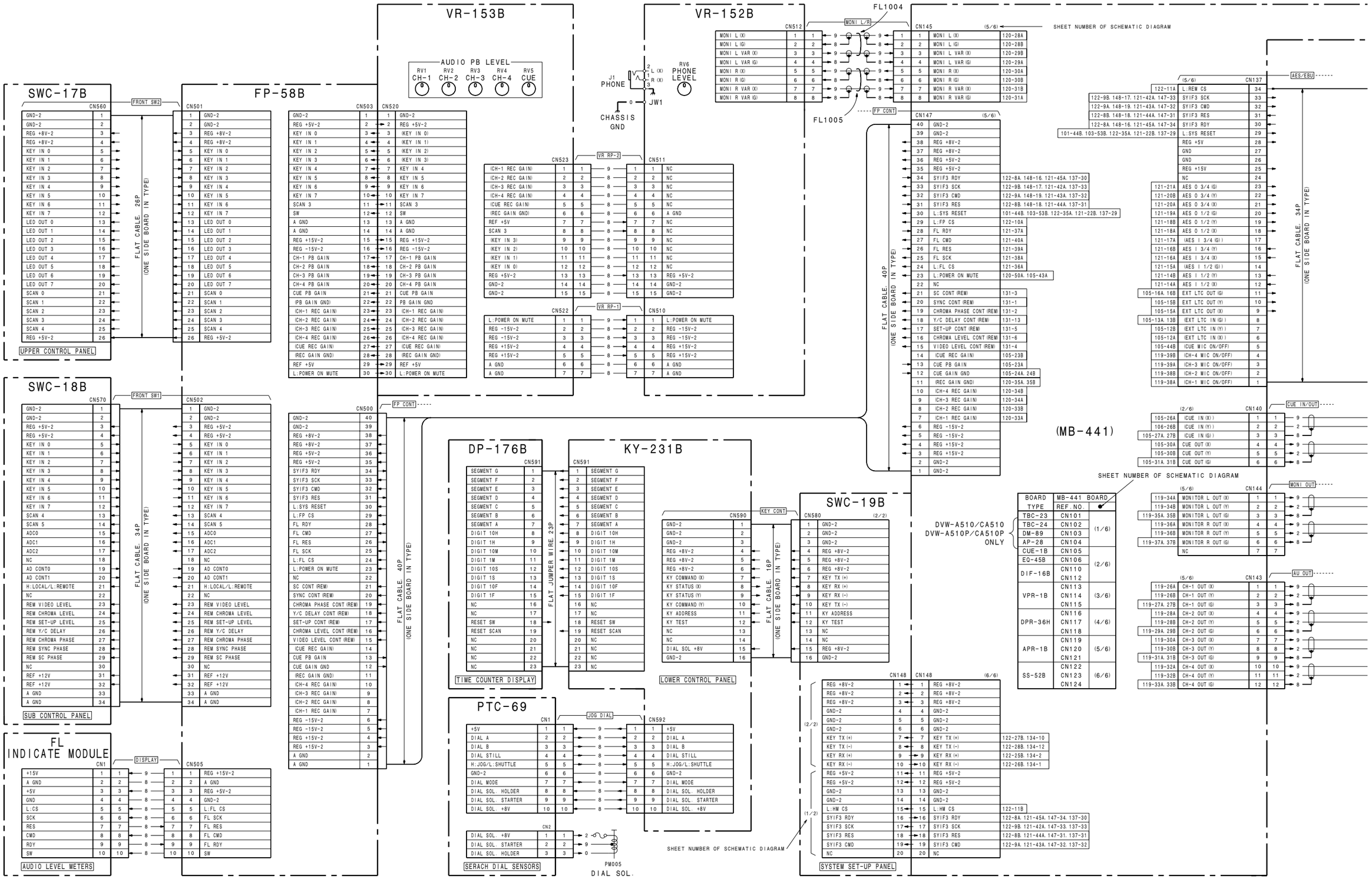
Cassette Compartment, Ejector, Mecha. Deck (Inc. CTL Head), Betacam PB

Frame Wiring (2/3)

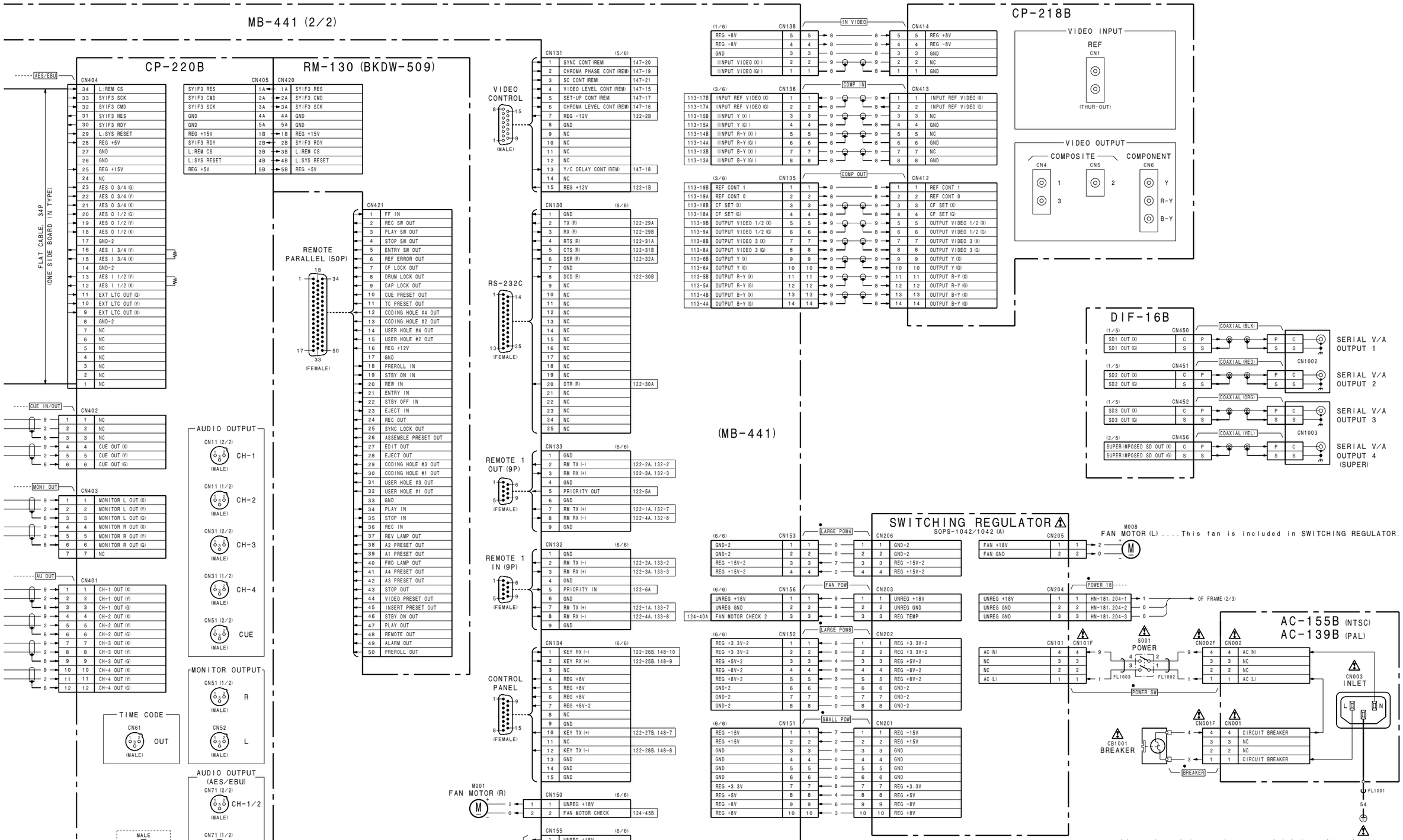
DVW-CA510 (J, UC)
DVW-CA510P (EK)

DVW-FRAME-ALL-PLAY-S/M-04

FL1004 and FL1005 are not equipped in the DVW-A510/510/CA510.



Frame Wiring (3/3) Player (UC/EK) Model

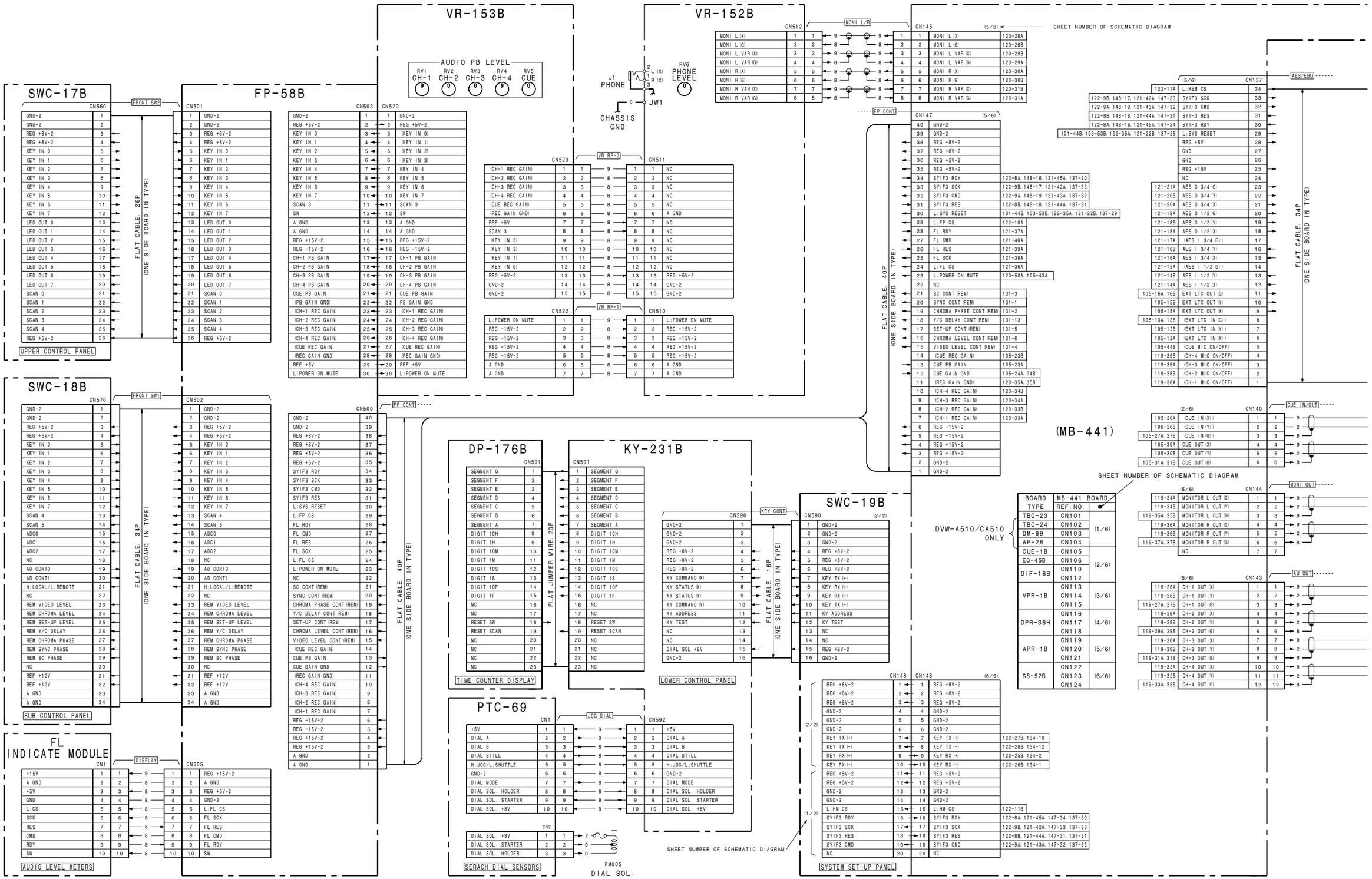


Front Panel (Upper/Lower), System Set-up Panel, Sub Control Panel, Rear Panel

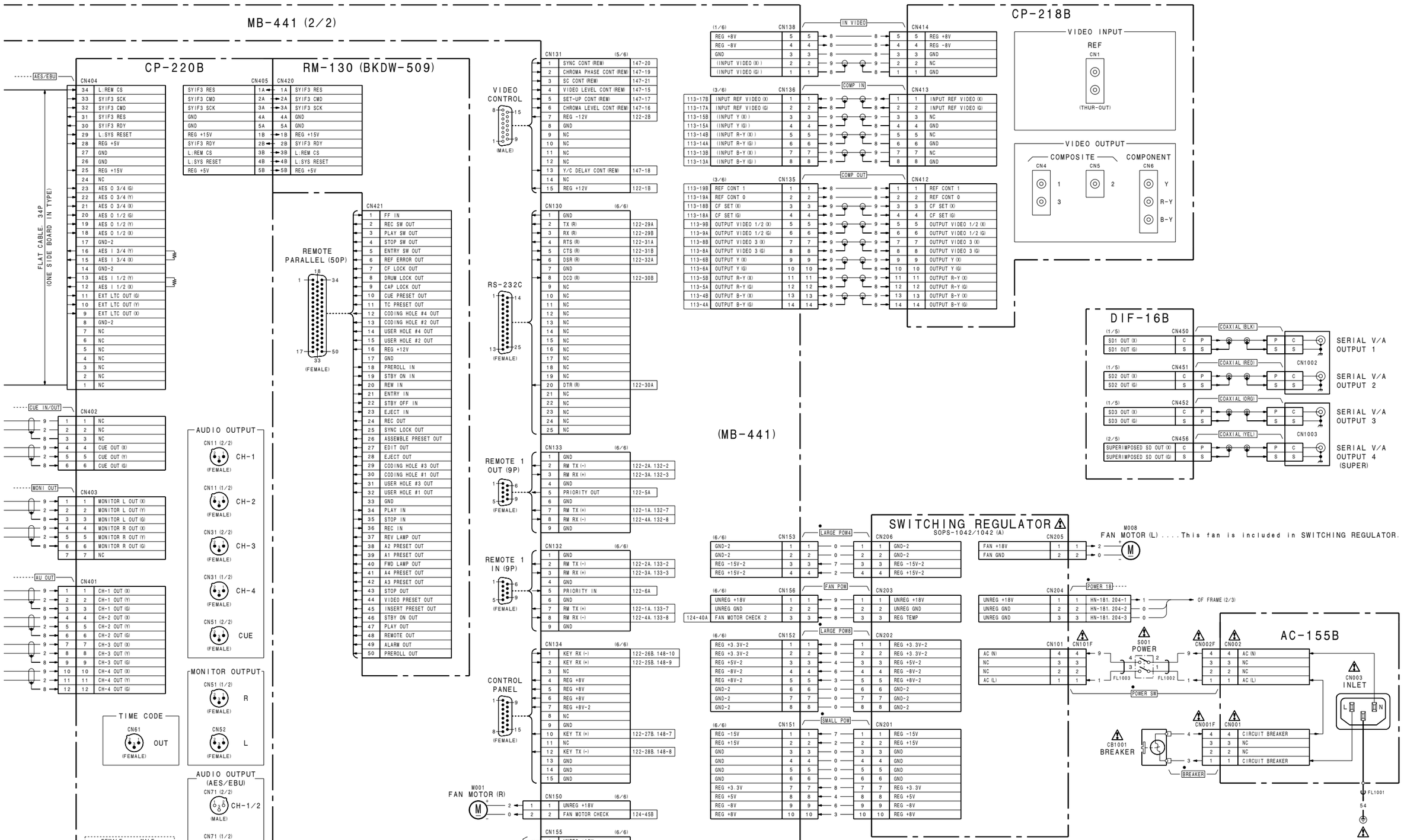
Frame Wiring (3/3) for UC/EK Model

DVW-A510 (UC)
DVW-A510P (EK)
DVW-510 (UC)
DVW-510P (EK)
DVW-CA510 (UC)
DVW-CA510P (EK)

DVW-FRAME-ALL-PLAY-S/M-04


VR-153B
VR-152B
AUDIO PB LEVEL
RV1 CH-1
RV2 CH-2
RV3 CH-3
RV4 CH-4
RV5 CUE
RV6 PHONE LEVEL
J1 PHONE
JW1
CHASSIS GND
SHEET NUMBER OF SCHEMATIC DIAGRAM
SWC-17B
FRONT SW2
CN560
CN501
FLAT CABLE, 26P (ONE SIDE BOARD IN TYPE)
UPPER CONTROL PANEL
FP-58B
CN503
CN520
CN523
VR RP-2
CN511
CN522
VR RP-1
CN510
CN512
MONI L/R
CN145
(5/6)
FP CONT
CN147
FLAT CABLE, 40P (ONE SIDE BOARD IN TYPE)
CN137
AES/EBU
FLAT CABLE, 34P (ONE SIDE BOARD IN TYPE)
SWC-18B
FRONT SW1
CN570
CN502
CN500
FLAT CABLE, 34P (ONE SIDE BOARD IN TYPE)
SUB CONTROL PANEL
DP-176B
CN591
FLAT JUMPER WIRE, 23P
TIME COUNTER DISPLAY
KY-231B
CN590
KEY CONT
FLAT CABLE, 16P (ONE SIDE BOARD IN TYPE)
LOWER CONTROL PANEL
SWC-19B
CN580
(2/2)
SYSTEM SET-UP PANEL
CN148
(6/6)
(MB-441)
CN140
(2/6)
CUE IN/OUT
CN144
(5/6)
MONI OUT
CN143
AU OUT
BOARD TYPE
MB-441 BOARD REF.NO.
DVW-A510/CA510 ONLY
FL INDICATE MODULE
DISPLAY
CN505
AUDIO LEVEL METERS
PTC-69
CN1
JOG DIAL
CN592
CN2
SERACH DIAL SENSORS
PM005
DIAL SOL.

Frame Wiring (3/3) Player (J) Model



Front Panel (Upper/Lower), System Set-up Panel, Sub Control Panel, Rear Panel

Frame Wiring (3/3) for J Model

DVW-A510 (J)
DVW-510 (J)
DVW-CA510 (J)

DVW-FRAME-ALL-PLAY-S/M-04

Section 3
Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.
For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section. However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.
In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled “Semiconductor Pin Assignments” (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.
The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.
Pin assignments and block diagrams are based on the IC manufacturer’s data book.

本機に使用されている半導体型名の一覧を下記に示します。
索引中，ページが記載されている半導体は，本章の該当ページを参照してください。ただし，互換性のない型名を併記している場合がありますので，部品を交換するときは，Spare Partsの章を参照してください。
また，ID番号が記載されている半導体は，別途発行の “Semiconductor Pin Assignments” CD−ROM版 (ソニー部品番号：9−968−546−xx)を参照してください。
半導体型名またはID番号から検索ができます。
マニュアルまたはCD−ROMに掲載されている半導体は，それぞれの機能を等価的に表わしたものです。
外観やインデックスマークの表示方法が実物と異なる場合があります。
ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE	Page or ID No.
02DZ6.2-TPH3	DC008-04
1S2836	DC001-02
1S2836-T1	DC001-02
1SS154-TE85L	DC001-07
1SS193	DC001-06
1SS193-TE85L	DC001-06
1SS300-TE85L	DC001-02
1SS301-TE85L	DC001-03
1SS372-TE85L	DC001-01
1SV160	DC001-14
1SV160-TE85L	DC001-14
DA204U	DC001-01
DA204UT106	DC001-01
DAN202U	DC001-03
DAN202UT106	DC001-03
DAP202U	DC001-02
DAP202UT106	DC001-02
EC10DS2	DC007-01
EC10DS2-TE12L5	DC007-01
ERB44-08	DA001-01
ERC84-009	DA001-01
KV1470	DC001-13
KV1470TL00	DC001-13
MA141WK	DC001-03
MA143A-(TX).SO	DC001-01
RB717F	DC001-02
RB717F-T106	DC001-02
RD2.0M-T1B	DC001-04
RD2.0MB	DC001-04
RD3.3M-B	DC001-04
RD3.3M-T1B	DC001-04
RD6.2M-B	DC001-04
RD6.2M-T1B	DC001-04
RU-3AM	DA001-01
SB007-03CP	DC001-06
SB007-03CP-TB	DC001-06
SB007T03Q	DC001-01
SB007T03Q-TL	DC001-01
SB01-05CP	DC001-06
SB01-05CP-TB	DC001-06
SB20-03P	DC002-03
SB20-03P-TD	DC002-03

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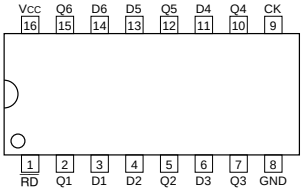
74F174SJ (FSC)

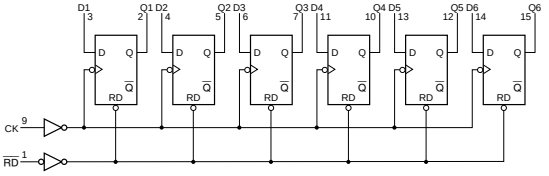
HEX D-TYPE FLIP-FLOPS WITH DIRECT RESET

—TOP VIEW—



INPUTS			OUT
RD	CK	D	Q
0	×	×	0
1	↑	0	0
1	↑	1	1

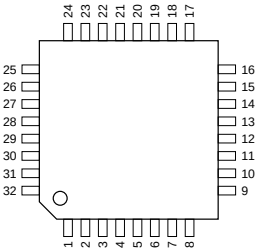
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE



CXA1806Q (SONY)
CXA1806Q-T4

5-BIT A/D CONVERTER

—TOP VIEW—



INPUTS

BIAS1, BIAS2 : CONNECTED TO SMOOTHING CAPACITOR
CLH, CLS : CLOCK INPUT
RBTM : LEAST SIGNIFICANT VOLTAGE
RTOP : MOST SIGNIFICANT VOLTAGE
VIN : ANALOG INPUT

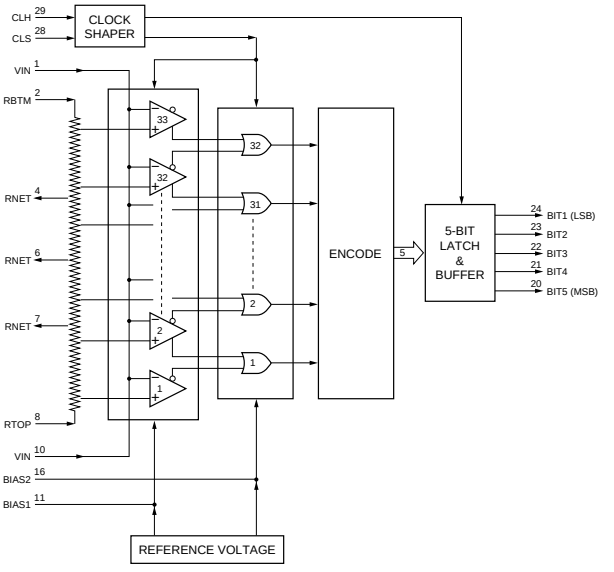
OUTPUTS

BIT1 - BIT5 : A/D OUTPUT
RNET : INTERMEDIATE VOLTAGE OUTPUT

OTHER

NC : NO CONNECTION

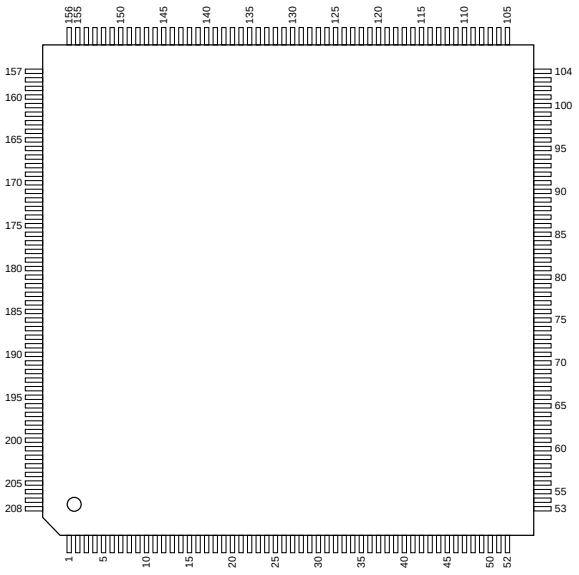
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	VIN	9	—	A.VEE	17	—	NC	25	—	VCC
2	I	RBTM	10	I	VIN	18	—	NC	26	—	GND
3	—	NC	11	I	BIAS1	19	—	GND	27	—	VEE
4	O	RNET	12	—	D.VEE	20	O	BIT5 (MSB)	28	I	CLS
5	—	NC	13	—	D.VEE	21	O	BIT4	29	I	CLH
6	O	RNET	14	—	A.VEE	22	O	BIT3	30	—	D.GND
7	O	RNET	15	—	NC	23	O	BIT2	31	—	NC
8	I	RTOP	16	I	BIAS2	24	O	BIT1 (LSB)	32	—	A.GND



CXD8806R (SONY)

BIT REDUCTION ENCODER & ERROR CORRECTION CODER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	HDM16	53	O	OAOTM18	105	O	AE11	157	I	IACK
2	I/O	HDM17	54	—	VDD	106	O	AE12	158	I	RESETI
3	—	GND	55	—	GND	107	—	GND	159	I	IAV0
4	I/O	HDM18	56	I	STTSX0	108	O	AE13	160	I	IAV1
5	I/O	HDM19	57	I	STTSX1	109	O	AE14	161	I	IAF0
6	O	$\overline{OCS0}$	58	I	CSX	110	O	AE15	162	I	IAF1
7	O	$\overline{OCS1}$	59	I	STRBX	111	O	AE16	163	I	CNT1
8	O	$\overline{OCS4}$	60	—	GND	112	O	AE17	164	—	GND
9	I	TEST	61	—	VDD	113	O	AE18	165	—	VDD
10	—	VDD	62	I/O	DADX0	114	—	VDD	166	I	CNT2
11	O	$\overline{OCS2}$	63	I/O	DADX1	115	O	AE19	167	O	$\overline{OWEO}$
12	O	$\overline{OCS3}$	64	I/O	DADX2	116	O	AE20	168	I	IAF2
13	O	$\overline{OOEX}$	65	I/O	DADX3	117	O	AE21	169	I	IAF3
14	O	$\overline{OOE}$	66	I/O	DADX4	118	O	$\overline{OEE0}$	170	I	IREN
15	—	GND	67	I/O	DADX5	119	—	GND	171	I	IVD
16	O	$\overline{OWE0}$	68	I/O	DADX6	120	O	$\overline{OEE1}$	172	I	IHD
17	O	$\overline{OWE1}$	69	I/O	DADX7	121	I/O	BE0	173	I	IPRY
18	O	OWENM1	70	—	VDD	122	I/O	BE1	174	I	ICFI
19	O	OWENM0	71	O	OTA0	123	I/O	BE2	175	I	$\overline{IWEI}$
20	—	VDD	72	—	GND	124	I/O	BE3	176	—	GND
21	I	IWENM1	73	O	OTA1	125	I/O	BE4	177	I	CKI
22	I	IWENM0	74	O	OTA2	126	I/O	BE5	178	I	IDIN0
23	—	GND	75	O	OTA3	127	I/O	BE6	179	I	IDIN1
24	O	OAOTM0	76	O	OTB0	128	I/O	BE7	180	I	IDIN2
25	O	OAOTM1	77	O	OTB1	129	I/O	BE8	181	I	IDIN3
26	—	GND	78	O	OTB2	130	—	GND	182	I	IDIN4
27	—	VDD	79	—	VDD	131	—	VDD	183	—	VDD
28	O	OAOTM2	80	O	OTB3	132	I/O	BE9	184	I	IDIN5
29	O	OAOTM3	81	O	ORCA	133	I/O	BE10	185	I	IDIN6
30	O	OAOTM4	82	O	ORCB	134	I/O	BE11	186	I	IDIN7
31	—	GND	83	O	ORCC	135	I/O	BE12	187	I	IDIN8
32	—	VDD	84	—	VDD	136	I/O	BE13	188	I	IDIN9
33	O	OAOTM5	85	—	GND	137	I/O	BE14	189	—	GND
34	O	OAOTM6	86	I	IPCK	138	I/O	BE15	190	I	$\overline{IRWI}$
35	—	GND	87	—	GND	139	O	OCRCOT	191	I/O	HDM0
36	O	OAOTM7	88	—	VDD	140	O	ORA1	192	I/O	HDM1
37	O	OAOTM8	89	O	ORCD	141	O	ORA2	193	I/O	HDM2
38	—	GND	90	O	OPRY	142	—	GND	194	I/O	HDM3
39	—	VDD	91	O	AE0	143	O	ORB1	195	I/O	HDM4
40	O	OAOTM9	92	O	AE1	144	O	ORB2	196	I/O	HDM5
41	O	OAOTM10	93	O	AE2	145	I	IRF0	197	I/O	HDM6
42	O	OAOTM11	94	O	AE3	146	I	IRF1	198	I/O	HDM7
43	—	VDD	95	I	$\overline{IOEE}$	147	—	VDD	199	I/O	HDM8
44	—	GND	96	—	GND	148	I	IRF2	200	—	GND
45	O	OAOTM12	97	—	VDD	149	I	IFLD	201	—	VDD
46	O	OAOTM13	98	O	AE4	150	I	ISG0	202	I/O	HDM9
47	O	OAOTM14	99	O	AE5	151	I	ISG1	203	I/O	HDM10
48	O	OAOTM15	100	O	AE6	152	I	IR2F	204	I/O	HDM11
49	—	VDD	101	O	AE7	153	I	IAD0	205	I/O	HDM12
50	—	GND	102	O	AE8	154	—	GND	206	I/O	HDM13
51	O	OAOTM16	103	O	AE9	155	I	IAFS	207	I/O	HDM14
52	O	OAOTM17	104	O	AE10	156	I	IAD1	208	I/O	HDM15

INPUTS

CKI	:	27 MHz CLOCK
CNT1, CNT2	:	WRITE ENABLE DELAY CONTROL 1, 2
CSX	:	SYSTEM CONTROL CHIP SELECT
IACK	:	64FS CLOCK
IAD0, IAD1	:	AUDIO 1/2, 3/4 CHANNEL
IAF0 - IAF2	:	AUDIO 5F0 - 5F2
IAF3	:	AUDIO 5F PARITY
IAFS	:	FS
IAV0, IAV1	:	AUDIO V0, V1
ICFI	:	CFI
IDIN0 - IDIN9	:	INPUT DATA
IFLD	:	REC ENABLE SELECT
IHD	:	HD
$\overline{IOEE}$	:	ECC MEMORY I/O CONTROL
IPCK	:	16 MHz CLOCK
IPRY	:	PARITY
IR2F	:	REFERENCE FRAME
IREN	:	INTERNAL RAM ENABLE
IRF0, IRF2	:	TRACK START FOR VIDEO 1, 2
IRF1	:	TRACK START FOR AUDIO
$\overline{IRWI}$	:	SHUFFLING MEMORY I/O CONTROL
ISG0, ISG1	:	TRACK SEGMENT 0, 1
IVD	:	VD
$\overline{IWEI}$	:	WRITE ENABLE PULSE
IWENM0	:	WRITE ENABLE WIDTH CONTROL
IWENM1	:	WRITE ENABLE DELAY CONTROL
RESETI	:	SYSTEM RESET
STRBX	:	SYSTEM CONTROL STROBE
STTSX0, STTSX1	:	SYSTEM CONTROL STATUS 0, 1
TEST	:	IC TEST PIN

OUTPUTS

AE0 - AE21	:	ECC MEMORY ADDRESS
OAOTM0 - OAOTM18	:	SHUFFLING MEMORY ADDRESS
OCRCOT	:	CRC VERIFY
$\overline{OCS0}$ - $\overline{OCS3}$	:	SHUFFLING MEMORY CHIP SELECT 0 - 3 FOR 1M
$\overline{OCS4}$	:	SHUFFLING MEMORY CHIP SELECT FOR 4M
$\overline{OEE0}$	:	ECC MEMORY I/O CONTROL
$\overline{OEE1}$	:	ECC MEMORY OUTPUT ENABLE
$\overline{OOE}$	:	SHUFFLING MEMORY OUTPUT ENABLE
$\overline{OOEX}$	:	SHUFFLING MEMORY I/O CONTROL OUT 1
OPRY	:	RF ENABLE
ORA1, ORB1	:	TRACK END FOR AC, BD CHANNEL VIDEO 0
ORA2, ORB2	:	TRACK END FOR AC, BD CHANNEL AUDIO
ORCA, ORCB, ORCC, ORCD	:	REC ENABLE A, B, C, D
OTA0 - OTA3	:	AC CHANNEL RF 0 - 3
OTB0 - OTB3	:	BD CHANNEL RF 0 - 3
$\overline{OWE0}$	:	SHUFFLING MEMORY WRITE ENABLE
$\overline{OWE1}$	:	SHUFFLING MEMORY I/O CONTROL OUT 2
OWENM0	:	WRITE ENABLE WIDTH CONTROL
OWENM1	:	WRITE ENABLE DELAY CONTROL
$\overline{OWEO}$	:	WRITE ENABLE

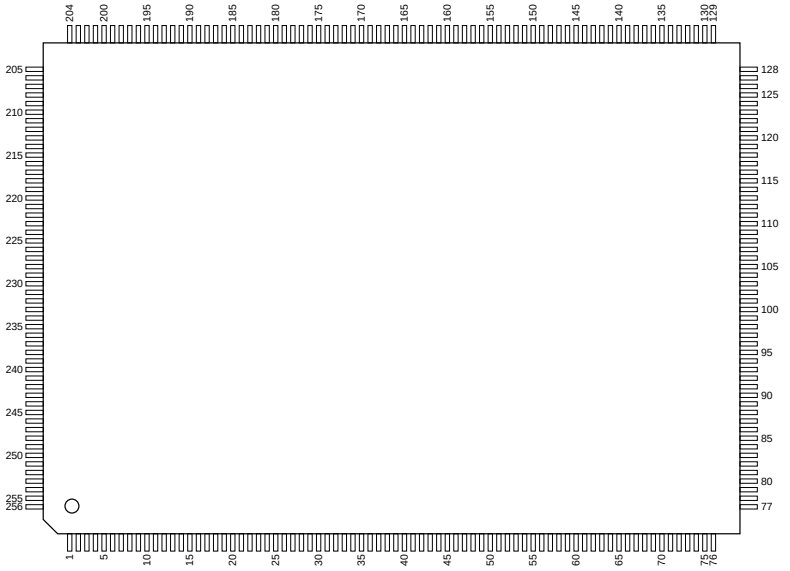
INPUTS/OUTPUTS

BE0 - BE15	:	ECC MEMORY I/O
DADX0 - DADX7	:	SYSTEM CONTROL BUS
HDM0 - HDM19	:	SHUFFLING MEMORY

CXD8807BR (SONY)

BIT REDUCTION DECODER & VIDEO ERROR CONCEALMENT

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	DADX0	65	—	GND	129	I	FFYI0 7	193	—	GND
2	I/O	DADX1	66	—	VDD	130	I	FFCI0 0	194	—	VDD
3	I/O	DADX2	67	O	OWE1	131	I	FFCI0 1	195	O	VCL2R2
4	—	NC	68	O	OWENM1	132	—	NC	196	O	VCL2W
5	—	NC	69	O	OWENM0	133	—	NC	197	O	OCFOO
6	I/O	DADX3	70	I	IWENM1	134	I	FFCI0 2	198	O	OVD
7	I/O	DADX4	71	I	IWENM0	135	I	FFCI0 3	199	O	OHD
8	I/O	DADX5	72	—	NC	136	I	FFCI0 4	200	O	AUXRDY
9	I/O	DADX6	73	—	NC	137	I	FFCI0 5	201	—	NC
10	I/O	DADX7	74	I/O	HDM0	138	O	FFWEN	202	O	OCFIF
11	—	GND	75	I/O	HDM1	139	—	GND	203	O	OVPRY
12	—	VDD	76	I/O	HDM2	140	—	VDD	204	O	OVDT0
13	I	STTSX0	77	I/O	HDM3	141	I	FFCI0 6	205	O	OVDT1
14	I	STTSX1	78	I/O	HDM4	142	I	FFCI0 7	206	O	OVDT2
15	I	CSX	79	—	GND	143	O	VCL1W	207	—	GND
16	I	STRBX	80	—	VDD	144	O	VCL1R	208	—	VDD
17	—	GND	81	I/O	HDM5	145	O	FFYO0	209	O	OVDT3
18	—	VDD	82	I/O	HDM6	146	O	FFYO1	210	O	OVDT4
19	I	TEST	83	I/O	HDM7	147	O	FFYO2	211	O	OVDT5
20	O	OAOTM0	84	I/O	HDM8	148	O	FFYO3	212	O	OVDT6
21	—	GND	85	I/O	HDM9	149	O	FFYO4	213	O	OVDT7
22	O	OAOTM1	86	I/O	HDM10	150	O	FFYO5	214	O	OVDT8
23	O	OAOTM2	87	I/O	HDM11	151	O	FCCK	215	O	OVDT9
24	—	GND	88	I/O	HDM12	152	—	GND	216	O	OWEO
25	—	VDD	89	I	IRWI	153	—	VDD	217	I	CNT2
26	O	OAOTM3	90	—	GND	154	O	FFYO6	218	—	GND
27	O	OAOTM4	91	—	VDD	155	O	FFYO7	219	—	VDD
28	—	GND	92	I/O	HDM13	156	O	FFCO0	220	—	NC
29	O	OAOTM5	93	I/O	HDM14	157	O	FFCO1	221	—	NC
30	O	OAOTM6	94	I/O	HDM15	158	O	FFCO2	222	—	NC
31	—	GND	95	I/O	HDM16	159	O	FFCO3	223	I	IREN
32	—	VDD	96	I/O	HDM17	160	O	FFCO4	224	I	RESETI
33	O	OAOTM7	97	I/O	HDM18	161	O	FFCO5	225	—	VDD
34	O	OAOTM8	98	I/O	HDM19	162	O	FFCO6	226	I	IDESY
35	—	GND	99	I	IADVV	163	O	FFCO7	227	I	IDEPRY
36	O	OAOTM9	100	I	ICRCIN	164	O	VCLOW	228	I	IDEEF
37	O	OAOTM10	101	I	FFYI1 0	165	—	VDD	229	I	IWEI
38	—	GND	102	—	GND	166	—	GND	230	—	GND
39	—	VDD	103	I	FFYI1 1	167	O	VCLOR2	231	I	CKI
40	O	OAOTM11	104	I	FFYI1 2	168	O	VCLOR1Y	232	I	IDED0
41	O	OAOTM12	105	I	FFYI1 3	169	O	VCLOR1C	233	I	IDED1
42	—	GND	106	I	FFYI1 4	170	I	FFLI0 0	234	I	IDED2
43	O	OAOTM13	107	I	FFYI1 5	171	I	FFLI0 1	235	I	IDED3
44	O	OAOTM14	108	I	FFYI1 6	172	I	FFLI0 2	236	I	IDED4
45	—	VDD	109	I	FFYI1 7	173	I	FFLI0 3	237	I	IDED5
46	—	GND	110	I	FFCI1 0	174	I	FFLI1 0	238	I	IDED6
47	O	OAOTM15	111	I	FFCI1 1	175	I	FFLI1 1	239	I	IDED7
48	O	OAOTM16	112	I	FFCI1 2	176	I	FFLI1 2	240	I	IPPSY
49	—	GND	113	I	FFCI1 3	177	I	FFLI1 3	241	I	CNT1
50	O	OAOTM17	114	—	GND	178	I	FFLI1 4	242	—	GND
51	O	OAOTM18	115	—	VDD	179	I	FFLI1 5	243	—	VDD
52	—	GND	116	I	FFCI1 4	180	—	GND	244	I	IPPPRY
53	—	VDD	117	I	FFCI1 5	181	—	VDD	245	I	IPPEF
54	O	OOEX	118	I	FFCI1 6	182	I	FFLI1 6	246	I	IPPD0
55	O	OOE	119	I	FFCI1 7	183	I	FFLI1 7	247	I	IPPD1
56	—	GND	120	I	FFYI0 0	184	O	FFLO0	248	I	IPPD2
57	—	VDD	121	I	FFYI0 1	185	O	FFLO1	249	I	IPPD3
58	O	OCS4	122	I	FFYI0 2	186	O	FFLO2	250	I	IPPD4
59	O	OCS3	123	I	FFYI0 3	187	O	FFLO3	251	I	IPPD5
60	—	GND	124	I	FFYI0 4	188	O	FFLO4	252	I	ICKHI
61	O	OCS2	125	—	GND	189	O	FFLO5	253	—	GND
62	O	OCS1	126	—	VDD	190	O	FFLO6	254	—	VDD
63	O	OCS0	127	I	FFYI0 5	191	O	FFLO7	255	I	IPPD6
64	O	OWE0	128	I	FFYI0 6	192	O	VCL2R1	256	I	IPPD7

INPUTS

CKI	: 27 MHz CLOCK
CNT1, CNT2	: WRITE ENABLE DELAY CONTROL 1, 2
CSX	: SYSTEM CONTROL CHIP SELECT
FFCI0 0 - FFCI0 7	: CONCEAL MEMORY 0C
FFCI1 0 - FFCI1 7	: CONCEAL MEMORY 1C
FFLI0 0 - FFLI0 3	: CONCEAL MEMORY 2 IN 0
FFLI1 0 - FFLI1 7	: CONCEAL MEMORY 2 IN 1
FFYI0 0 - FFYI0 7	: CONCEAL MEMORY 0Y
FFYI1 0 - FFYI1 7	: CONCEAL MEMORY 1Y
IADVV	: READ START V
ICKHI	: 13.5 MHz CLOCK
ICRCIN	: VERIFY CRC
IDED0 - IDED7	: A CHANNEL INPUT DATA
IDEEF, IPPEF	: A, B CHANNEL INPUT ERROR FLAG
IDEPRY, IPPPRY	: A, B CHANNEL INPUT PARITY
IDESY, IPPSY	: A, B CHANNEL INPUT SYNC
IPPD0 - IPPD7	: B CHANNEL INPUT DATA
IREN	: INTERNAL RAM ENABLE
IRWI	: SHUFFLING MEMORY I/O CONTROL
IWEI	: WRITE ENABLE PULSE
IWENM0	: WRITE ENABLE WIDTH CONTROL
IWENM1	: WRITE ENABLE DELAY CONTROL
RESETI	: SYSTEM RESET
STRBX	: SYSTEM STROBE
STTSX0, STTSX1	: SYSTEM CONTROL STATUS 0, 1
TEST	: IC TEST PIN

OUTPUTS

AUXRDY	: AUX DATA READ ENABLE
FCCK	: CONCEAL MEMORY CLOCK
FFCO0 - FFCO7	: CONCEAL MEMORY 0C
FFLO0 - FFLO7	: CONCEAL MEMORY 2 OUT
FFWEN	: CONCEAL MEMORY WRITE ENABLE
FFYO0 - FFYO7	: CONCEAL MEMORY 0Y
OAOTM0 - OAOTM18	: SHUFFLING MEMORY ADDRESS
OCFOO	: ADVANCED CFO
OCFIF	: CFI
OHD	: HD
OOE	: SHUFFLING MEMORY OUTPUT ENABLE
OOEX	: SHUFFLING MEMORY I/O CONTROL OUT 1
OCS0 - OCS3	: SHUFFLING MEMORY CHIP SELECT 0 - 3 FOR 1M
OCS4	: SHUFFLING MEMORY CHIP SELECT FOR 4M
OVD	: VD
OVDT0 - OVDT9	: OUTPUT DATA
OVPRY	: PARITY
OWE0	: SHUFFLING MEMORY WRITE ENABLE
OWE1	: SHUFFLING MEMORY I/O CONTROL OUT 2
OWENM0	: WRITE ENABLE WIDTH CONTROL
OWENM1	: WRITE ENABLE DELAY CONTROL
OWEO	: WRITE ENABLE
VCL1R	: CONCEAL MEMORY RESET READ
VCL1W	: CONCEAL MEMORY RESET WRITE
VCL2R1, VCL2R2	: CONCEAL MEMORY 2 RESET READ 1, 2
VCL2W	: CONCEAL MEMORY 2 RESET WRITE
VCLOR1C, VCLOR1Y	: CONCEAL MEMORY 0C, 0Y RESET READ 1
VCLOR2	: CONCEAL MEMORY 0 RESET READ 2
VCLOW	: CONCEAL MEMORY 0 RESET WRITE

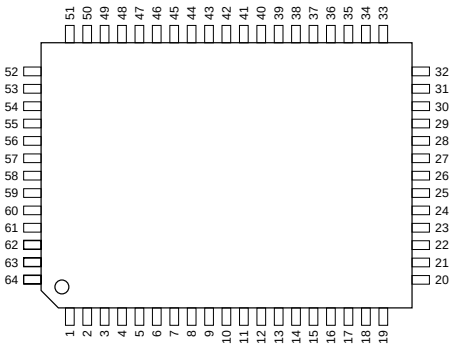
INPUTS/OUTPUTS

DADX0 - DADX7	: SYSTEM CONTROL BUS
HDM0 - HDM19	: SHUFFLING MEMORY

CXD8837Q (SONY)

AUTO TRACKING SERVO CONTROLLER

—TOP VIEW—



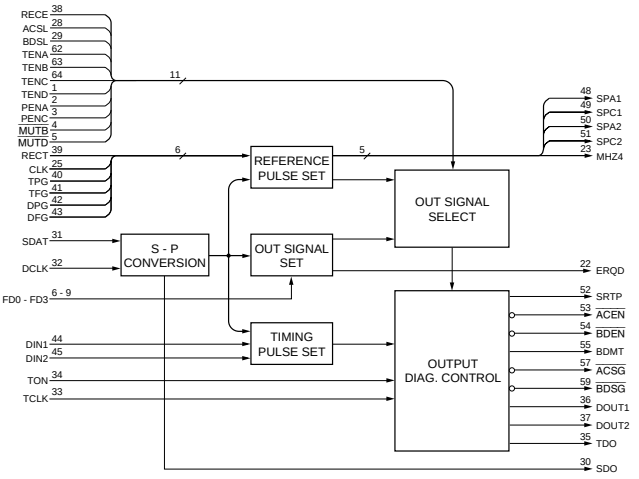
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	TEND	17	I	T4	33	I	TCLK	49	O	SPC1
2	I	PENA	18	I	T5	34	I	TON	50	O	SPA2
3	I	PENC	19	I	$\overline{\text{TEST}}$	35	O	TDO	51	O	SPC2
4	I	$\overline{\text{MUTB}}$	20	I	DMYT	36	O	DOU1	52	O	SRTP
5	I	$\overline{\text{MUTD}}$	21	—	GND	37	O	DOU2	53	O	$\overline{\text{ACEN}}$
6	I	FD0	22	O	FRQD	38	I	RECE	54	O	$\overline{\text{BDEN}}$
7	I	FD1	23	O	MHZ4	39	I	RECT	55	O	BDMT
8	I	FD2	24	—	GND	40	I	TPG	56	—	GND
9	I	FD3	25	I	CLK	41	I	TFG	57	O	$\overline{\text{ACSG}}$
10	—	Vcc	26	—	GND	42	I	DPG	58	—	GND
11	—	GND	27	—	Vcc	43	I	DFG	59	O	$\overline{\text{BDSG}}$
12	I	TR	28	I	ACSL	44	I	DIN1	60	—	GND
13	I	T0	29	I	BDSL	45	I	DIN2	61	—	Vcc
14	I	T1	30	O	SDO	46	—	Vcc	62	I	TENA
15	I	T2	31	I	SDAT	47	—	GND	63	I	TENB
16	I	T3	32	I	DCLK	48	O	SPA1	64	I	TENC

INPUTS

ACSL : REC HEAD CHANNEL A/C SELECT
BDSL : REC HEAD CHANNEL B/D SELECT
CLK : CLOCK IN
DCLK : SERIAL DATA CLOCK
DFG : DRUM PG
DIN1 : DECODE IN 1
DIN2 : DECODE IN 2
DMYT : IC TEST PIN (LOW)
DPG : DRUM PG
FD0 - FD3 : FREQUENCY DIVIDE SEL (FD0, 3 : LOW FD1, 2 : HI)
$\overline{\text{MUTB}}$: CHANNEL B REC MUTE ENABLE
$\overline{\text{MUTD}}$: CHANNEL D REC MUTE ENABLE
PENA : PILOT ENABLE CHANNEL A
PENC : PILOT ENABLE CHANNEL C
RECE : REC ENABLE
RECT : REC TEST
SDAT : SERIAL DATA IN
T0 - T5 : IC TEST PIN
TCLK : TEST SERIAL DATA CLOCK
TENA : TIMING ENABLE CHANNEL A
TENB : TIMING ENABLE CHANNEL B
TENC : TIMING ENABLE CHANNEL C
TEND : TIMING ENABLE CHANNEL D
$\overline{\text{TEST}}$: IC TEST PIN
TFG : TEST FG
TON : TEST DATA ON
TPG : TEST PG
TR : IC TEST PIN

OUTPUTS

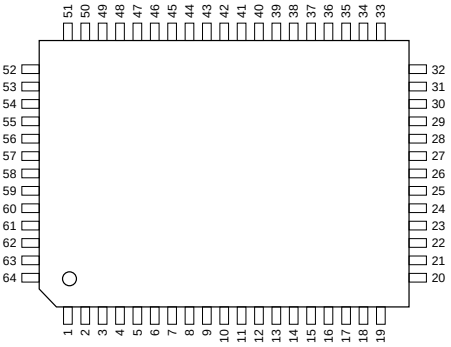
$\overline{\text{ACEN}}$: CHANNEL A/C REC ENABLE
$\overline{\text{ACSG}}$: CHANNEL A/C TRACKING REC SIGNAL
$\overline{\text{BDEN}}$: CHANNEL B/D REC ENABLE
BDMT : CHANNEL B/D REC MUTE
$\overline{\text{BDSG}}$: CHANNEL B/D TRACKING REC SIGNAL
DOU1 : DECODE OUT 1
DOU2 : DECODE OUT 2
FRQD : FREQUENCY DIVIDE
MHZ4 : PILOT SIGNAL FREQUENCY
SDO : SERIAL DATA OUT
SPA1 : START PULSE FOR CHANNEL A
SPA2 : TIMING START PULSE FOR CHANNEL A
SPC1 : START PULSE FOR CHANNEL C
SPC2 : TIMING START PULSE FOR CHANNEL C
STRP : START PULSE
TDO : TEST DATA OUT



CXD8854Q (SONY)

AUXILIARY CIRCUIT FOR BIT REDUCTION ENCODER AND ERROR CORRECTION CODER

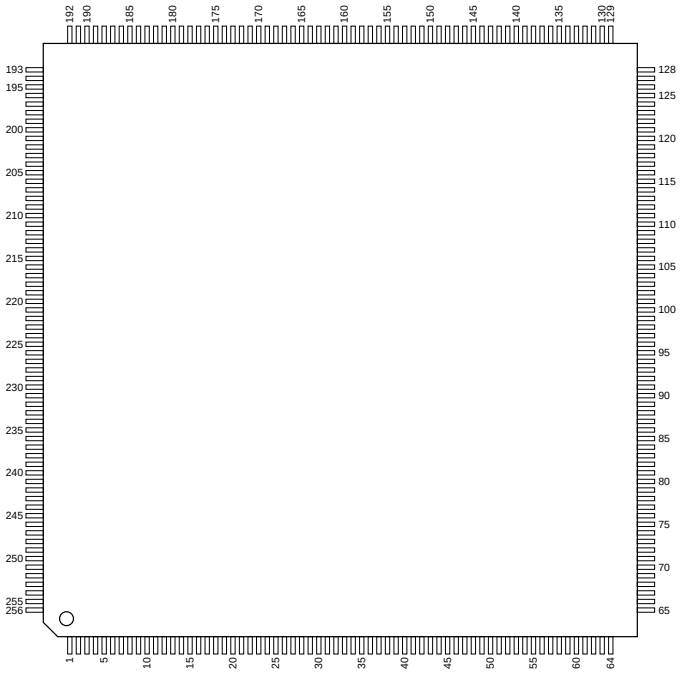
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	IPAD0	17	I	IAD0	33	O	OAF0	49	I	IID5
2	I	IPAD1	18	I	IAD1	34	O	OAF1	50	I	IID6
3	I	IPAD2	19	I	IAFS	35	O	OAF2	51	I	IID7
4	I	IPAD3	20	I	IAV0	36	O	$\overline{\text{OCSX}}$	52	I	IVA0
5	I	IPAD4	21	I	IAV1	37	O	$\overline{\text{OWE}}$	53	I	IVA1
6	I	IPAD5	22	I	IA64	38	I	IWSEL	54	I	IWR
7	I	IPAD6	23	O	OH625	39	I	OWS0	55	I	IWE
8	I	IPAD7	24	I	IACK	40	I	OWS1	56	I	ICK16
9	I	$\overline{\text{IRST}}$	25	—	GND	41	—	NC	57	—	GND
10	—	GND	26	—	VDD	42	—	GND	58	—	VDD
11	O	OACK	27	I	ID5F0	43	I	ITR	59	I	IIN
12	O	OAD0	28	I	ID5F1	44	I	IID0	60	O	OINX
13	O	OAD1	29	I	ID5F2	45	I	IID1	61	I	IPC5
14	O	OAFS	30	I	IR5F0	46	I	IID2	62	I	IPS0
15	O	OAV0	31	I	IR5F1	47	I	IID3	63	I	IPS1
16	O	OAV1	32	I	IR5F2	48	I	IID4	64	I	IPSTB

CXD9100R (SONY)

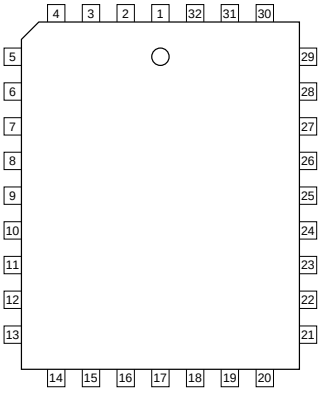
VITC GENERATOR AND COMPOSITE ENCODER
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	CSOUT	65	O	PBCF 1	129	O	CMPST 2	193	O	CMPB 5
2	—	Vcc	66	O	PBCF 0	130	O	CMPST 1	194	O	CMPB 4
3	O	D1HD	67	—	Vcc	131	O	CMPST 0	195	O	CMPB 3
4	I/O	BGATE	68	O	VISC 9	132	—	Vcc	196	O	CMPB 2
5	—	GND	69	O	VISC 8	133	—	GND	197	O	CMPB 1
6	—	Vcc	70	O	VISC 7	134	—	Vcc	198	O	CMPB 0
7	I	IVD 9	71	O	VISC 6	135	I	ROMSEL 01	199	—	Vcc
8	I	IVD 8	72	—	GND	136	I/O	WRADRR	200	—	GND
9	I	IVD 7	73	—	Vcc	137	I/O	RDADDR	201	O	G SAV
10	I	IVD 6	74	—	Vcc	138	O	D2SYNC	202	—	Vcc
11	I	IVD 5	75	I	AVD0	139	O	CLAMP	203	I/O	D CF
12	I	IVD 4	76	I	VREF0	140	O	F4HD	204	I	TMOD 2
13	I	IVD 3	77	O	VRO0	141	O	CMPY 9	205	I	TMOD 1
14	I	IVD 2	78	O	AOUT0	142	O	CMPY 8	206	I	TMOD 0
15	I	IVD 1	79	I	AVS0	143	O	CMPY 7	207	—	VCC
16	I	IVD 0	80	I	AVD1	144	O	CMPY 6	208	I	VSCCY
17	I	RESET	81	I	VREF1	145	O	CMPY 5	209	I	BBCPST
18	—	GND	82	O	VRO1	146	—	GND	210	I	START
19	—	Vcc	83	O	AOUT1	147	—	Vcc	211	I	SCK
20	I	PFILON	84	I	AVS1	148	O	CMPY 4	212	—	GND
21	I	IHD	85	I	AVD2	149	O	CMPY 3	213	—	Vcc
22	I	INVD	86	I	VREF2	150	O	CMPY 2	214	I	SIN
23	I	ISVI	87	O	VRO2	151	O	CMPY 1	215	I	HRTH
24	—	GND	88	O	AOUT2	152	O	CMPY 0	216	I	STRB
25	—	Vcc	89	I	AVS2	153	—	Vcc	217	I	CS
26	I	CADDR 2	90	—	GND	154	O	CMPR 9	218	O	VSOUT
27	I	CADDR 1	91	O	VISC 5	155	O	CMPR 8	219	I/O	REND
28	I	CADDR 0	92	—	Vcc	156	O	CMPR 7	220	I/O	OSVI
29	I	ICF	93	O	VISC 4	157	O	CMPR 6	221	I/O	RVITC
30	I	IPA	94	O	VISC 3	158	O	CMPR 5	222	I/O	RLTCH
31	I	CK27	95	O	VISC 2	159	O	CMPR 4	223	I/O	GVITC
32	—	GND	96	—	GND	160	—	GND	224	—	GND
33	I	VLPARA	97	—	Vcc	161	O	CMPR 3	225	—	Vcc
34	I	TCK	98	O	VISC 1	162	O	CMPR 2	226	I/O	R FM
35	I	TMS	99	O	VISC 0	163	O	CMPR 1	227	O	DPARITY
36	I	TRST	100	—	NC	164	O	CMPR 0	228	I	VADRS 3
37	I	TDI	101	I	ROMSEL10	165	I/O	HMSK	229	I	VADRS 2
38	O	TDO	102	I	PALNTSC	166	I/O	R ERR	230	I	VADRS 1
39	I/O	R CF	103	I	TEST	167	O	BUSY	231	I	VADRS 0
40	—	Vcc	104	I	PD0	168	—	Vcc	232	I	STAT 1
41	O	BBST 9	105	I	PD1	169	O	DDATA 9	233	I	STAT 0
42	O	BBST 8	106	I	PD2	170	O	DDATA 8	234	I	LPARA
43	O	BBST 7	107	I	CK8FSC	171	O	DDATA 7	235	I	CPUCLK
44	O	BBST 6	108	—	GND	172	O	DDATA 6	236	—	GND
45	O	BBST 5	109	—	Vcc	173	O	DDATA 5	237	—	Vcc
46	—	GND	110	I	REF CF	174	—	GND	238	I	CADRS 3
47	—	Vcc	111	I	REFVD	175	—	Vcc	239	I	CADRS 2
48	O	BBST 4	112	I	REFHD	176	O	DDATA 4	240	I	CADRS 1
49	O	BBST 3	113	I	CMUTE	177	O	DDATA 3	241	I	CADRS 0
50	O	BBST 2	114	—	Vcc	178	O	DDATA 2	242	—	Vcc
51	O	BBST 1	115	O	DOUT	179	O	DDATA 1	243	I/O	CPUBUS 7
52	O	BBST 0	116	O	HSHIFT	180	O	DDATA 0	244	I/O	CPUBUS 6
53	I/O	VGATE	117	—	Vcc	181	I/O	VMASK	245	I/O	CPUBUS 5
54	I/O	XCFI	118	O	VSHIFT	182	O	WCK4FSC	246	—	Vcc
55	I/O	NT4F	119	—	GND	183	O	DDCF 2	247	—	GND
56	I/O	PL4F	120	O	CK4FSC	184	O	DDCF 1	248	I/O	CPUBUS 4
57	I/O	PL8F	121	—	Vcc	185	O	DDCF 0	249	—	Vcc
58	—	Vcc	122	O	CMPST 9	186	—	Vcc	250	I/O	CPUBUS 3
59	—	GND	123	O	CMPST 8	187	—	GND	251	I/O	CPUBUS 2
60	—	Vcc	124	O	CMPST 7	188	—	Vcc	252	I/O	CPUBUS 1
61	O	REFCF 2	125	O	CMPST 6	189	O	CMPB 9	253	I/O	CPUBUS 0
62	O	REFCF 1	126	O	CMPST 5	190	O	CMPB 8	254	I/O	CK135
63	O	REFCF 0	127	O	CMPST 4	191	O	CMPB 7	255	I/O	IFBUSY
64	O	PBCF 2	128	O	CMPST 3	192	O	CMPB 6	256	I/O	RINIT

CY7C271A-35JC (CYPRESS)

32K (32768 × 8)-BIT PROM
—TOP VIEW—

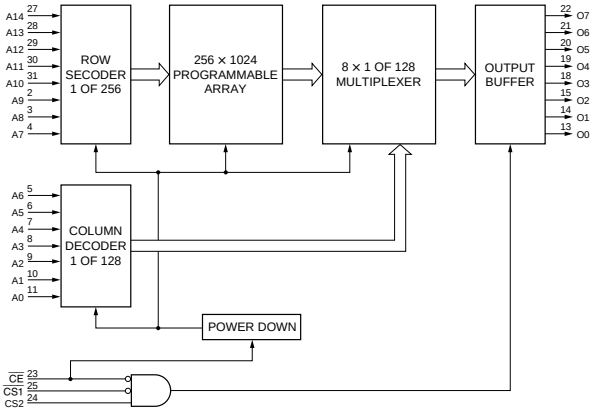


INPUTS
A0 - A14 : ADDRESS
$\overline{CE}$: CHIP ENABLE
$\overline{CS1}$, CS2 : CHIP SELECT

OUTPUTS
O0 - O7 : DATA

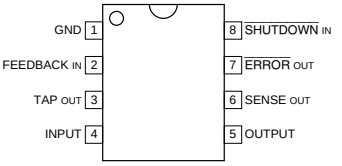
OTHER
NC : NO CONNECTION

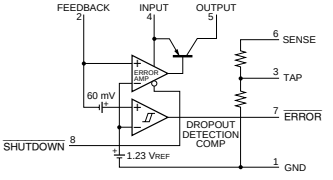
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	NC	9	I	A2	17	—	NC	25	I	$\overline{CS1}$
2	I	A9	10	I	A1	18	O	O3	26	—	NC
3	I	A8	11	I	A0	19	O	O4	27	I	A14
4	I	A7	12	—	NC	20	O	O5	28	I	A13
5	I	A6	13	O	O0	21	O	O6	29	I	A12
6	I	A5	14	O	O1	22	O	O7	30	I	A11
7	I	A4	15	O	O2	23	I	$\overline{CE}$	31	I	A10
8	I	A3	16	—	GND	24	I	CS2	32	—	Vcc



LP2986AIMM-3.3 (NS)

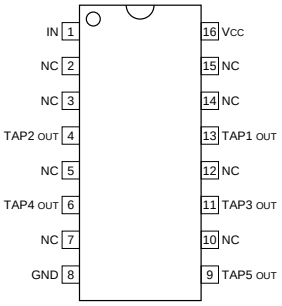
VOLTAGE REGULATOR
—TOP VIEW—

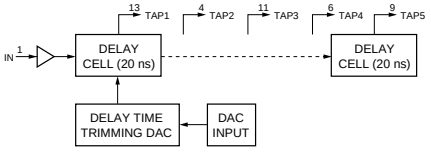




DMA100S (SWCC)
DMA100S-TP2

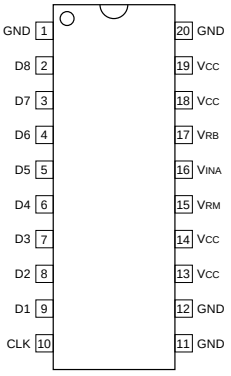
DELAYLINE
—TOP VIEW—





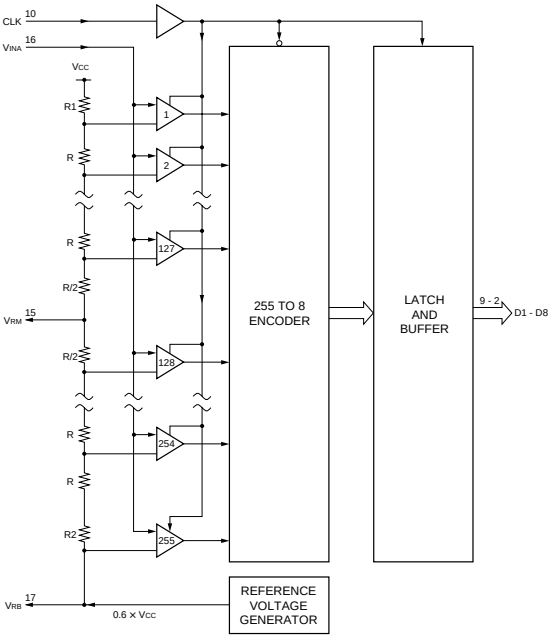
MB40558PF (FUJITSU)
MB40558PF-ER

8-BIT VIDEO A/D CONVERTER
—TOP VIEW—



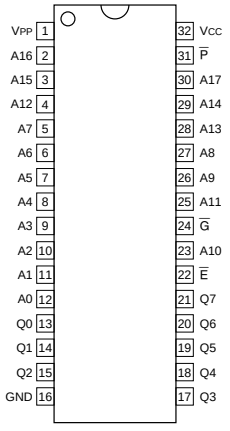
INPUTS
CLK : CLOCK
VINA : ANALOG SIGNAL

OUTPUTS
D1 - D8 : DIGITAL SIGNAL
VRB : REFERENCE VOLTAGE
VRM : INTERMEDIATE VOLTAGE



M27C2001-80XF1(F8) (SGS-THOM)

2M (262144 × 8)-BIT UV EPROM
—TOP VIEW—



INPUTS
A0 - A9, A11 - A17 : ADDRESS
Ē : CHIP ENABLE
Ḡ : OUTPUT ENABLE
P̄ : PROGRAM
VPP : PROGRAM SUPPLY

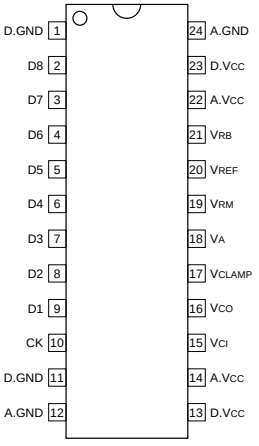
INPUTS/OUTPUTS
A10 : ADDRESS
Q0 - Q17 : DATA

MODE	Ē	Ḡ	P̄	A9	VPP	Q0 - Q7
READ	0	0	×	×	VCC	DATA OUT
OUTPUT DISABLE	0	1	×	×	VCC	HI-Z
PROGRAM	0	1	0 PULSE	×	VPP	DATA IN
VERIFY	0	0	1	×	VPP	DATA OUT
PROGRAM INHIBIT	1	×	×	×	VPP	HI-Z
STANDBY	1	×	×	×	VCC	HI-Z
ELECTRONIC SIGNATURE	0	0	0	✻	VCC	CODES

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE
✻ : 12 V ± 0.5 V

MB40568PF-G-BND-ER (FUJITSU)

8-BIT VIDEO A/D CONVERTER
—TOP VIEW—

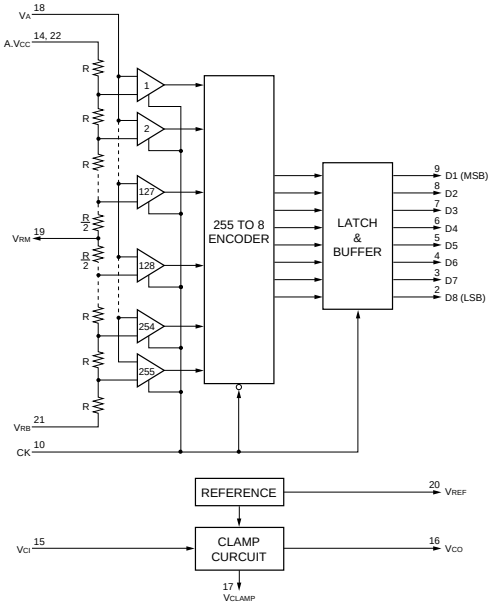


INPUTS

CK	:	CLOCK
V_A	:	ANALOG SIGNAL
V_{CI}	:	CLAMP CURCUIT
V_{RB}	:	ANALOG REFERENCE DC

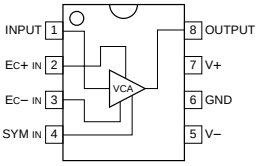
OUTPUTS

D1 - D8	:	DIGITAL SIGNAL (LSB TO MSB)
V_{CLAMP}	:	CLAMP DC
V_{CO}	:	CLAMP CURCUT
V_{REF}	:	REFERENCE DC
V_{RM}	:	MONITOR FOR REFERENCE DC



THAT2181SB-TE2 (THAT)

VOLTAGE-CONTROLLED AMPLIFIER
—TOP VIEW—

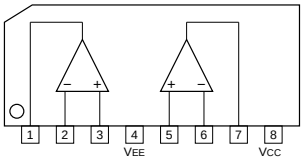


INPUTS

E_{C+}, E_{C-}	:	GAIN CONTROL CONSTANT
SYM	:	SYMMETRY ADJUST

NJM5532L-D (JRC)

DUAL OPERATIONAL AMPLIFIER
—SIDE VIEW—



For the USA.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

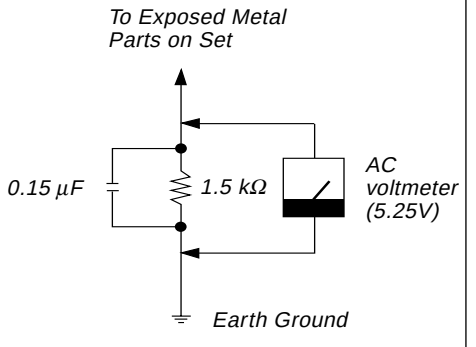


Fig A. Using an AC voltmeter to check AC leakage.

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DVW-A500P (EK, UC)
DVW-500 (J, UC)
DVW-500P (EK, UC)
DVW-A500/1 (J, UC)
DVW-A500P/1 (EK, UC)
DVW-500/1 (J, UC)
DVW-500P/1 (EK, UC)
DVW-A510 (J, UC)
DVW-A510P (EK)
DVW-510 (J, UC)
DVW-510P (EK)
DVW-CA510 (J, UC)
DVW-CA510P (EK) J,E

9-967-512-07

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Communication System Solutions Network Company

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SONY

DIGITAL VIDEOCASSETTE RECORDER

DVW-A500P
DVW-500P
DVW-A500P/1
DVW-500P/1

ANALOG COMPOSITE DECODER BOARD
BKDW-506

AUDIO PROGRAM PLAY BOARD
BKDW-507

PARALLEL (50P) INTERFACE KIT
BKDW-509

CONTROL PANEL EXTENSION KIT
BKDW-510

CONTROL PANEL CASE
BKDW-511

CONTROL PANEL
BKDW-514

CONTROL PANEL
BKDW-515

Digital BETACAM™

MAINTENANCE MANUAL

⚠警告

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お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

DVW-A500P (EK)	Serial No. 10001 and Higher
DVW-A500P (UC)	Serial No. 10001 and Higher
DVW-500P (EK)	Serial No. 10001 and Higher
DVW-500P (UC)	Serial No. 10001 and Higher
DVW-A500P/1 (EK)	Serial No. 50001 and Higher
DVW-A500P/1 (UC)	Serial No. 50001 and Higher
DVW-500P/1 (EK)	Serial No. 50001 and Higher
DVW-500P/1 (UC)	Serial No. 50001 and Higher
BKDW-506	Serial No. 10001 and Higher
BKDW-507	Serial No. 10001 and Higher
BKDW-509	Serial No. 10001 and Higher
BKDW-510	
BKDW-511	
BKDW-514	Serial No. 10001 and Higher
BKDW-515	Serial No. 10001 and Higher

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Manual Structure

Purpose of this manual

This manual is maintenance manual of the following products.

Product	
VTR:	DVW-A500P, DVW-500P, DVW-A500P/1, DVW-500P/1
Optional equipments:	BKDW-506, BKDW-507, BKDW-509, BKDW-510, BKDW-511, BKDW-514, BKDW-515

This manual describes the information items (adjustment, board layouts, schematic diagrams, detailed parts list, etc.) that premise the service based on the component parts.

Contents

The following is a summary of all the sections for understanding the contents of this manual.

Maintenance Manual Part 2, Volume 4

Section 1 Schematic Diagrams for Recorder

Describes the schematic diagrams of the recorder.
(DVW-A500P, 500P, A500P/1, 500P/1)

Section 2 Schematic Diagram for Optional Boards

Describes the schematic diagrams of the optional boards for recorder.
(BKDW-506, 507, 509, 514, 515)

(continue)

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Maintenance Manual Part 2, Volume 2	**Section 1**	**Parts Information**
	Section 2	**Exploded Views**
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Maintenance Manual Part 1*1	**Section 1**	**Service Overview**
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	Section 8	**Replacement of Periodic Maintenance Parts**
	Section 9	**Spare Parts**

*1: There are two types manual for Maintenance Manual Part 1: Recorder (DVW-A500P, 500P, A500P/1, 500P/1) and player (DVW-A510P, 510P, CA510P).

Section 1
Schematic Diagrams for Recorder

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-DUS-XXX BOARD-

The DUS-XXX board is added to suppiement the function of main board.

DUS-194	(CUE-1;	1-648-537-32)
	(CUE-1AP;	1-648-537-12)
DUS-679	(TBC-23;	1-648-543-11, 12)
DUS-680	(EQ-45A;	1-648-536-11)
DUS-682	(EQ-45A;	1-648-536-11)
DUS-687	(SS-52;	1-648-535-21)
	(SS-52A;	1-648-535-11)
DUS-690	(VPR-1;	1-648-532-11)
DUS-691	(VPR-1;	1-648-532-11)
DUS-694	(SS-52;	1-648-535-21)
	(SS-52A;	1-648-535-11)
DUS-700	(VPR-1;	1-648-532-11)
DUS-706	(DPR-36;	1-648-533-11)
DUS-708	(DPR-36;	1-648-533-11)
DUS-709	(EQ-45;	1-648-536-22)
	(EQ-45A;	1-648-536-11, 12)
DUS-710	(DM-89;	1-648-541-11, 12)
	(VPR-1;	1-648-532-13)
DUS-711	(EQ-45;	1-648-536-22)
	(EQ-45A;	1-648-536-11, 12)
DUS-712	(DPR-36;	1-648-533-11)
DUS-723	(CUE-1AP;	1-648-537-11)
DUS-724	(VPR-1;	1-648-532-11)
DUS-727	(DM-89;	1-648-541-12)
DUS-728	(FP-58;	1-648-551-11)
DUS-741	(DR-200;	1-648-559-12)
DUS-769	(VPR-1;	1-648-532-12)
DUS-840	(VPR-1;	1-648-532-14)

Note

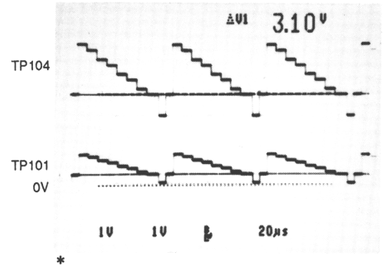
The ⚠-marked components are critical to safety.
Replace only with same components as specified.

Circuit Function of Printed Circuit Board

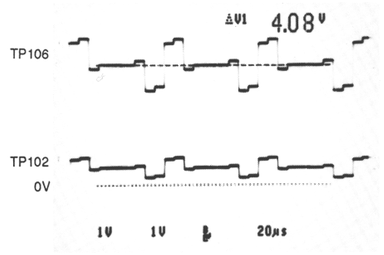
System configuration	Board name	Circuit Function
Digital process	VPR-1	Video signal processor, A/D, D/A, Reference clock generator, Composite encoder
	APR-1	Audio signal processor, A/D, D/A, AES/EBU interface
	DIF-16 (inc. VI-2)	4:2:2 component serial digital I/O interface with Embedded audio
	DPR-36	Digital data processor (Encode/Decode, Error correction)
RF, Analog process	EQ-45A (DVW-A500P)	RF equalizer (REC current control, PB EQ), Betacam PB buffer
	EQ-45 (DVW-500P)	RF equalizer (REC current control, PB EQ)
	CUE-1AP (DVW-A500P)	CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC
	CUE-1 (DVW-500P)	CUE REC/PB and LTC REC/PB circuits, CUE/LTC/FULL erase OSC
Betacam playback	DM-89	RF demodulator
(DVW-A500P)	TBC-24	TBC (A/D conversion & Write clock generate blocks)
	TBC-23	TBC (Sequence & Reference blocks)
	AP-28	AFM demodulator & LAU noise reduction
System/servo control	SS-52A (DVW-A500P)	System, Servo, Analog/Digital DT control
	SS-52 (DVW-500P)	System, Servo, Digital DT control
	DT-34	DT driver
	DR-307/200	Motors driver (Drum, Capstan, T/S reels, Threading, Reel shift, Cassette up/down), Solenoids driver (Pinch, T/S brake, Cleaning), Degaussing head driver
Mech.deck driver/sensor	CCM-15	Threading motor/Reel shift motor
	PD-35	Pinch solenoid connection
	PTC-54	Threading FG
	PTC-59	Cassette’s tabs sensor
	PTC-71	Reel position sensor
	RM-82	T/S reel motor
	RM-141	T reel motor
	SE-228	T/S reel FG
	TR-78	S tension sensor
	TR-79	T tension sensor, Thread/unthread end sensor
Cassette compartment	CL-29	Cassette up/down motor, Cassette down sensor
driver/sensor	LP-81	Lamp of cassette comparatment
	PC-70	Cassette-in sensor, Cassette size sensor

System configuration		Board name	Circuit Function
Front panel function		FP-58	Sub control panel and Upper panel function (SWs, LEDs) control, CAV control level conversion
		VR-152	Audio REC and Phone level RVs, Phone connector
		VR-153	Audio PB level RVs
		SWC-17	Upper panel function (SWs, LEDs)
		SWC-18	Sub control panel function
		SWC-19	System set-up panel function control
		KY-231	Lower panel function control
		DP-176	Time counter display
		PTC-69	Search dial sensor, Dial solenoid connection
Rear panel function		CP-218	Rear connector board (Analog video) with input/output driver
		CP-220	Rear connector board (Analog/Digital audio, TC)
		MB-441	Remote control connectors (CONTROL PANEL, REMOTE 1 IN/OUT, RS232C, VIDEO CONTROL)
Power		AC-139	AC connector board with breaker
	SOPS-1042 or	SOPS-1019C	Switching regulator
	SOPS-1042 (A)	SOPS-1042A	Switching regulator (inc. SOPS-1019C/1042S boards)
		SOPS-1042B or SOPS-1042D	Switching regulator (AC-DC)
		SOPS-1042S	Switching regulator
Other		MB-441	Mother board
		HN-181	Connection board with REC inhibit sensor (Drum/Capstan/Reel-shift motors, CTL head, DT-34/HN-184/HN-185/PTC-59/PTC-71 boards)
		HN-184	Connection board (Threading motor, Tape end sensor, PD-35/PTC-54/TR-78 boards)
		HN-185	Connection board with dew sensor (Tape top sensor, Cassette compartment, TR-79 board, Slip ring)

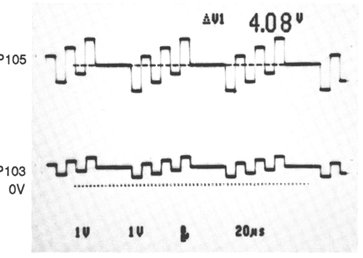
*
①TP101(N-6) STOP (E-E) mode
TP104(N-5) STOP (E-E) mode



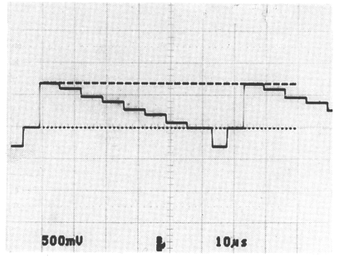
*
②TP102(P-6) STOP (E-E) mode
TP106(P-5) STOP (E-E) mode



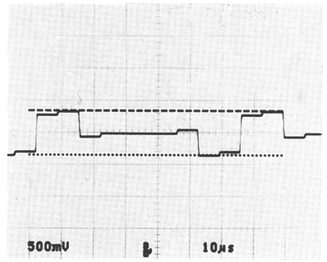
*
③TP103(R-6) STOP (E-E) mode
TP105(R-5) STOP (E-E) mode



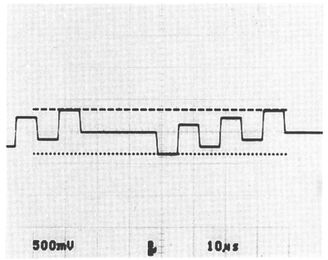
④TP601(R-1) STOP (E-E) mode



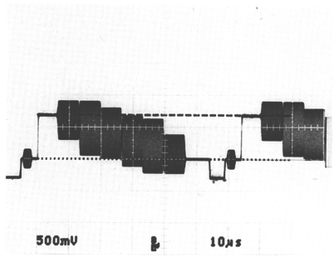
⑤TP600(R-2) STOP (E-E) mode



⑥TP602(R-2) STOP (E-E) mode

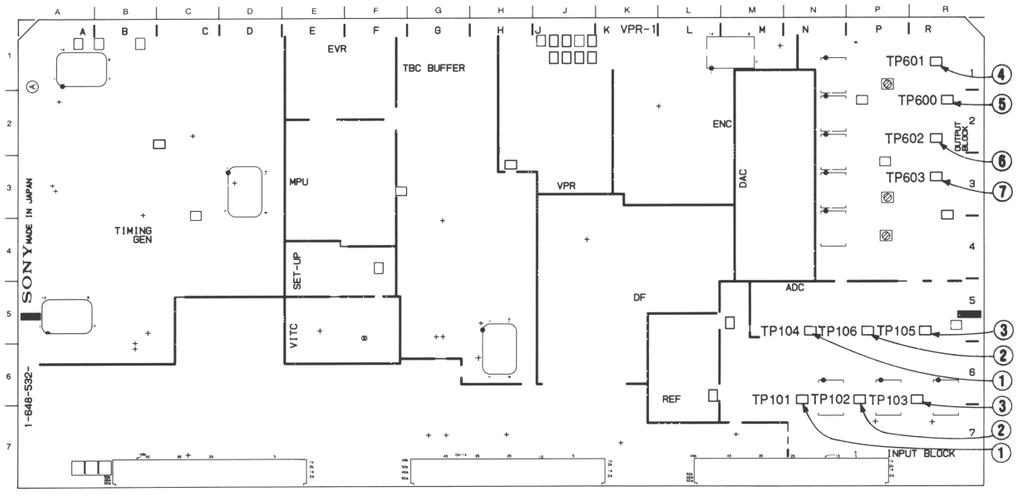


⑦TP603(R-3) STOP (E-E) mode

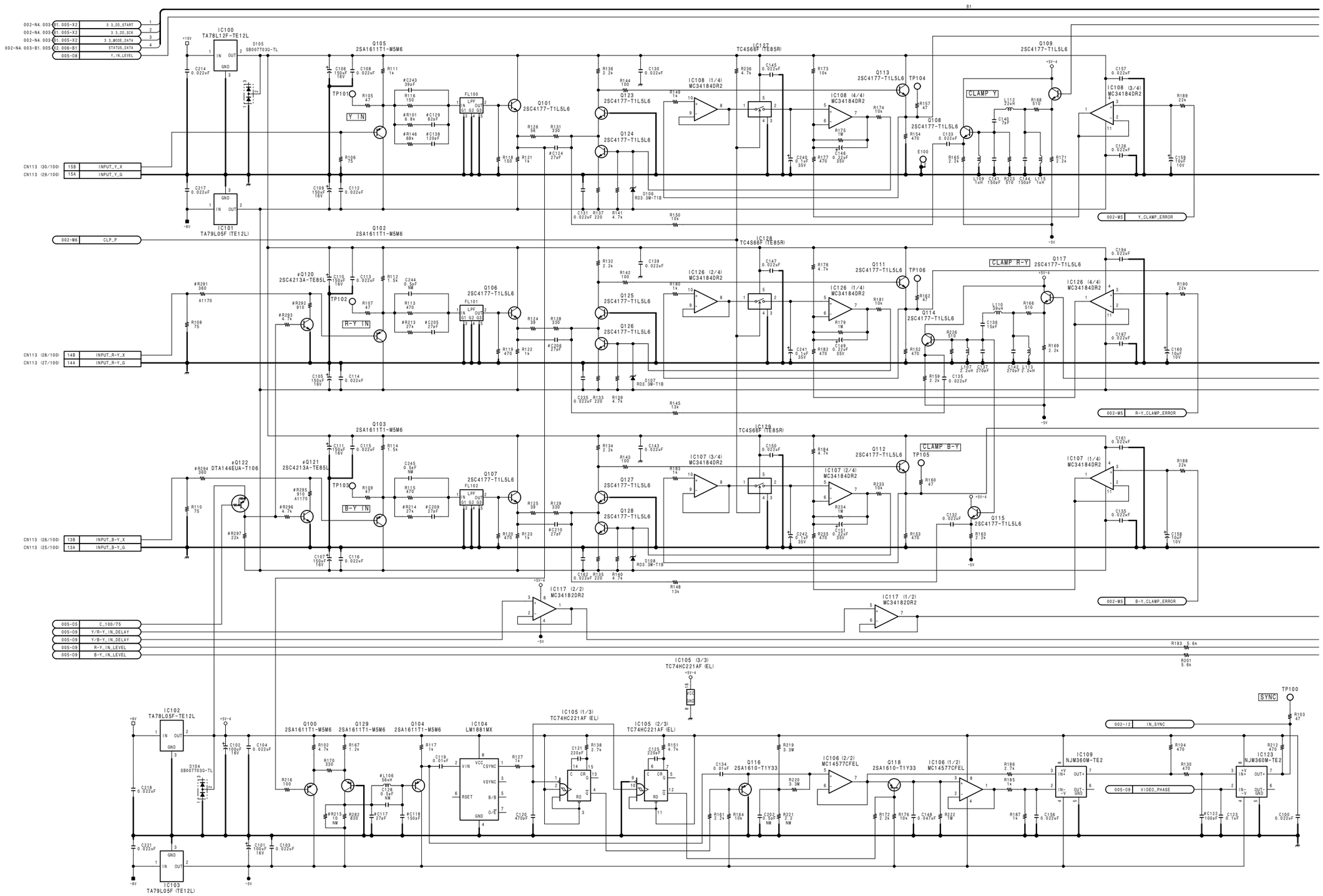


Measurement Condition
INPUT SIGNAL : 100% COLOR BARS
MODE : STOP (E-E) mode
*•••OSCILLOSCOPE : DC mode

VPR-1 Board -A Side-



VPR-1 (1/7)


IC100
TA78L12F-TE12L
IC101
TA79L05F-TE12L
IC102
TA78L05F-TE12L
IC103
TA79L05F (TE12L)
D105
SB007T03G-TL
D104
SB007T03Q-TL
Q105
2SA1611T1-M5M6
Q102
2SA1611T1-M5M6
Q103
2SA1611T1-M5M6
Q100
2SA1611T1-M5M6
Q129
2SA1611T1-M5M6
Q104
2SA1611T1-M5M6
Q120
2SC4213A-TE85L
Q121
2SC4213A-TE85L
Q122
DTA144EUA-T106
Q101
2SC4177-T1L5L6
Q106
2SC4177-T1L5L6
Q107
2SC4177-T1L5L6
Q123
2SC4177-T1L5L6
Q124
2SC4177-T1L5L6
Q125
2SC4177-T1L5L6
Q126
2SC4177-T1L5L6
Q127
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Q128
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Q113
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Q108
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Q111
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Q114
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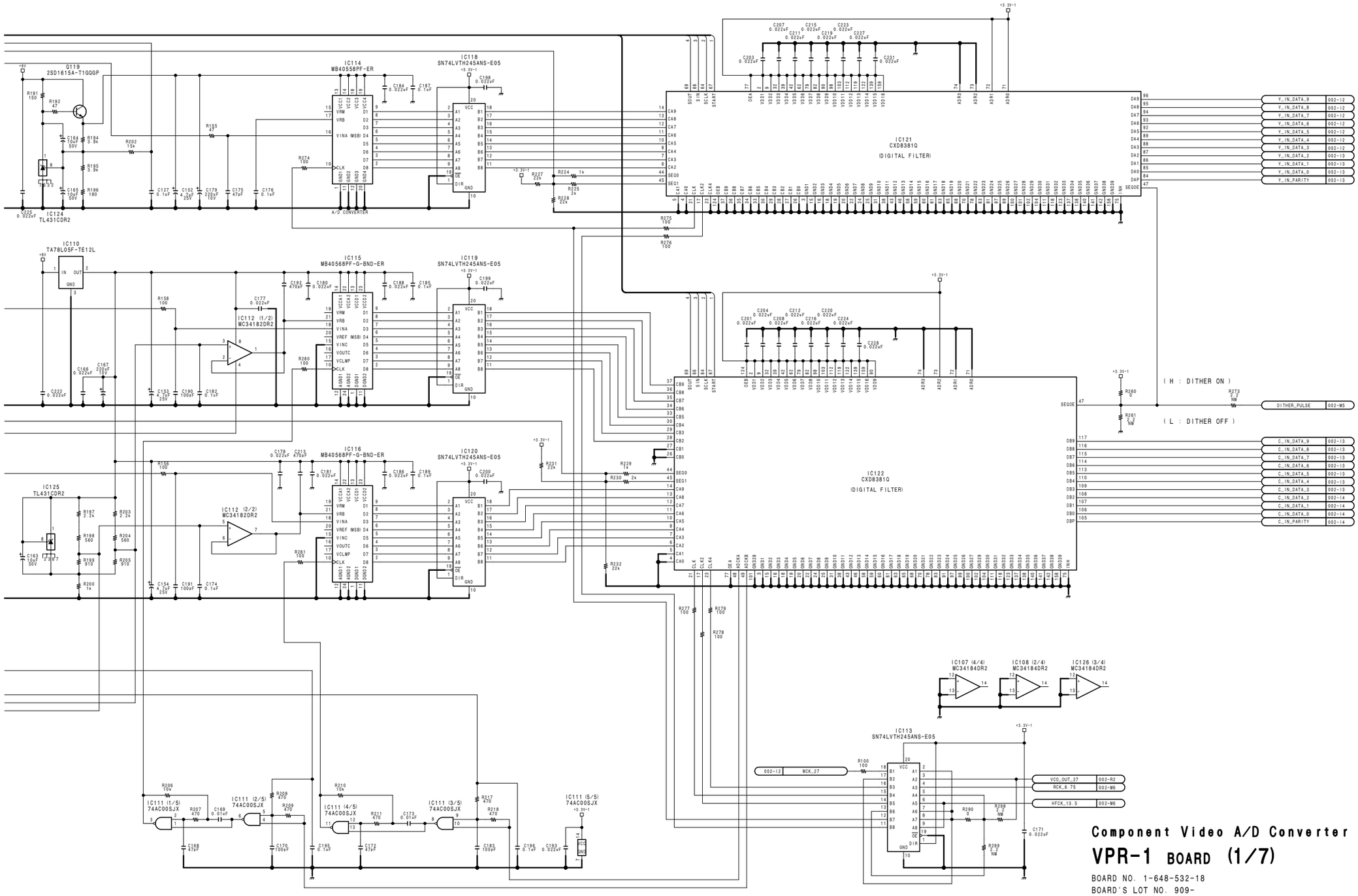
Q112
2SC4177-T1L5L6
Q115
2SC4177-T1L5L6
Q109
2SC4177-T1L5L6
Q117
2SC4177-T1L5L6
Q116
2SA1610-T1Y33
Q118
2SA1610-T1Y33
IC104
LM1881MX
IC105 (1/3)
TC74HC221AF (EL)
IC105 (2/3)
TC74HC221AF (EL)
IC105 (3/3)
TC74HC221AF (EL)
IC108 (1/4)
MC34184DR2
IC108 (4/4)
MC34184DR2
IC108 (3/4)
MC34184DR2
IC126 (1/4)
MC34184DR2
IC126 (2/4)
MC34184DR2
IC126 (4/4)
MC34184DR2
IC107 (1/4)
MC34184DR2
IC107 (2/4)
MC34184DR2
IC107 (3/4)
MC34184DR2
IC117 (2/2)
MC34182DR2
IC117 (1/2)
MC34182DR2
IC106 (2/2)
MC14577CFEL
IC106 (1/2)
MC14577CFEL
IC109
NJM360M-TE2
IC123
NJM360M-TE2
IC127
TC4S66F (TE85R)
IC128
TC4S66F (TE85R)
IC129
TC4S66F (TE85R)
FL100
FL101
FL102
LPF
Y IN
R-Y IN
B-Y IN
CLAMP Y
CLAMP R-Y
CLAMP B-Y
TP100
TP101
TP102
TP103
TP104
TP105
SYNC
002-N4. 003-B1. 005
002-N4. 003-B1. 005-X2
3.3_DO_START
3.3_DO_SCK
3.3_MODE_DATA
002-N4. 003-X2. 006-B1
STATUS_DATA
005-08
Y_IN_LEVEL
CN113 (30/100)
15B
INPUT_Y_X
CN113 (29/100)
15A
INPUT_Y_G
002-M6
CLP_P
CN113 (28/100)
14B
INPUT_R-Y_X
CN113 (27/100)
14A
INPUT_R-Y_G
CN113 (26/100)
13B
INPUT_B-Y_X
CN113 (25/100)
13A
INPUT_B-Y_G
005-05
C_100/75
005-09
Y/R-Y_IN_DELAY
Y/B-Y_IN_DELAY
R-Y_IN_LEVEL
B-Y_IN_LEVEL
002-M5
Y_CLAMP_ERROR
R-Y_CLAMP_ERROR
B-Y_CLAMP_ERROR
002-I2
IN_SYNC
005-09
VIDEO_PHASE
B1
+15V
+8V
+5V
+5V-4
-5V
-8V



#	NTSC	PAL
C117	27pF 50V CH	47pF 50V CH
C118	150pF 50V CH	220pF 50V CH
C122	100pF 50V CH	150pF 50V CH
C124	27pF 50V CH	33pF 50V CH
C129	82pF 50V CH	47pF 50V CH
C138	120pF 50V CH	100pF 50V CH
C205	27pF 50V CH	22pF 50V CH
C206	27pF 50V CH	33pF 50V CH
C209	27pF 50V CH	22pF 50V CH
C210	27pF 50V CH	33pF 50V CH
C243	NM	39pF 50V CH
L106	56uH 10%	82uH 10%
Q120	2SC4213A-T	NM
Q121	2SC4213A-T	NM
Q122	DTA144EUT1	NM
R101	6.8k 1/10W 0.5%	10k 1/10W 0.5%
R146	68k 1/10W 0.5%	33k 1/10W 0.5%
R213	27k 1/10W 0.5%	56k 1/10W 0.5%
R214	27k 1/10W 0.5%	56k 1/10W 0.5%
R215	NM	15k 1/10W 0.5%
R291	360 1/10W 0.5%	0
R292	910 1/10W 0.5%	NM
R293	4.7k 1/10W 5%	NM
R294	360 1/10W 0.5%	0
R295	910 1/10W 0.5%	NM
R296	4.7k 1/10W 5%	NM
R297	22k 1/10W 5%	NM

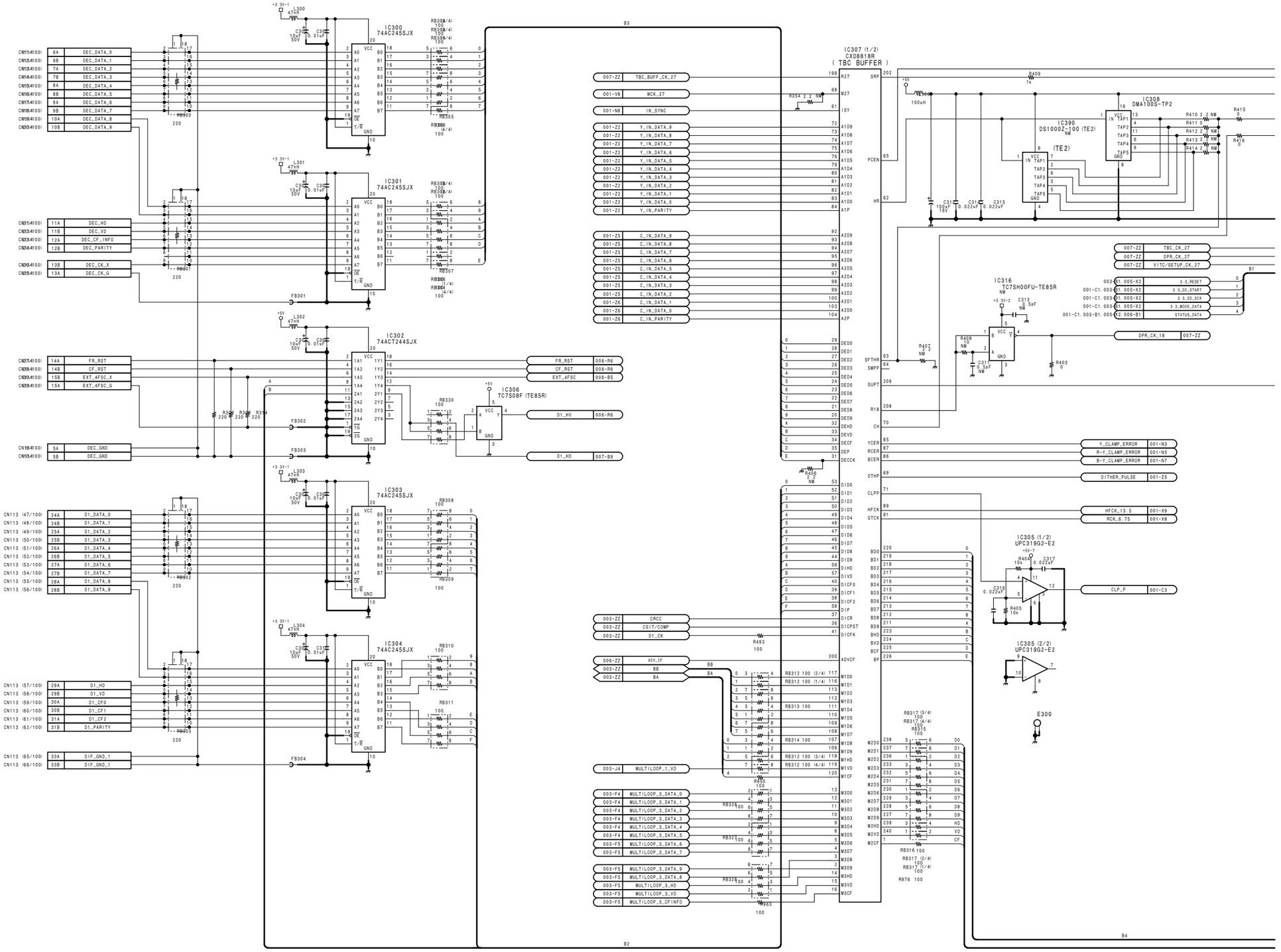
Component Video A/D Converter & SYNC Separator

VPR-1 BOARD (1/7)

BOARD NO. 1-648-532-18
BOARD'S LOT NO. 909-
DVW-A500 (J, UC) : VPR-1A MCB
DVW-A500P (EK) : VPR-1APG MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500 (J, UC) : VPR-1A MCB
DVW-500P (EK) : VPR-1APG MCB
DVW-500P (UC) : VPR-1APG MCB
DVW-A500_VPR-1_002_1

I J K L M N O P

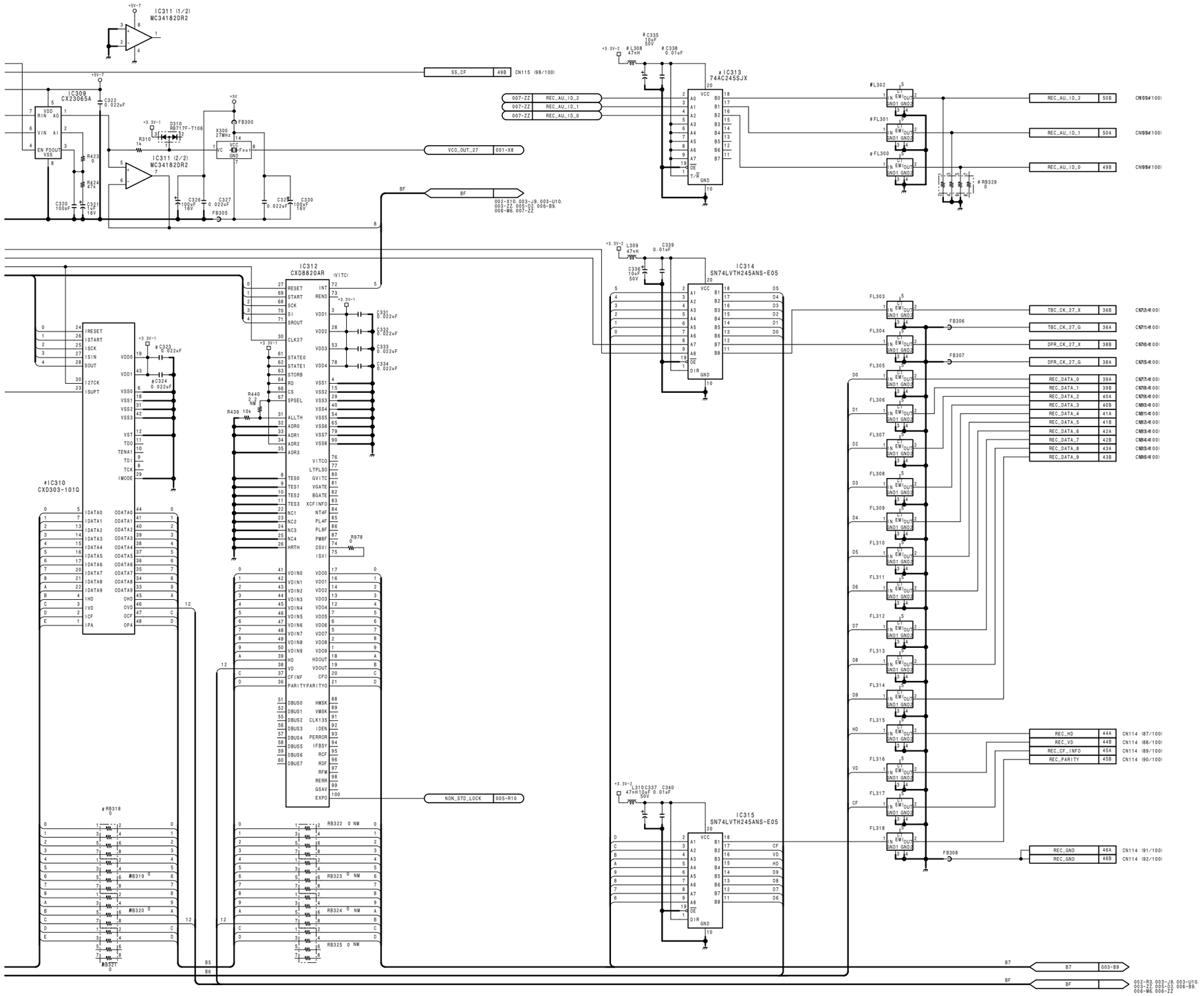
VPR-1 (2/7)



1-8 (f) 1-8 (f)

DVW-A500P/500P

A B C D E F G H



#	NTSC	PAL
C323	0.022uF 50V B	NM
C324	0.022uF 50V B	NM
C335	10uF 50V	NM
C338	0.01uF 50V B	NM
FL300	123989822	NM
FL301	123989822	NM
FL302	123989822	NM
IC310	CXD303-101	NM
IC313	74AC245SJX	NM
L308	47nH 5%	NM
RB318	NM	0
RB319	NM	0
RB320	NM	0
RB321	NM	0
RB329	NM	0

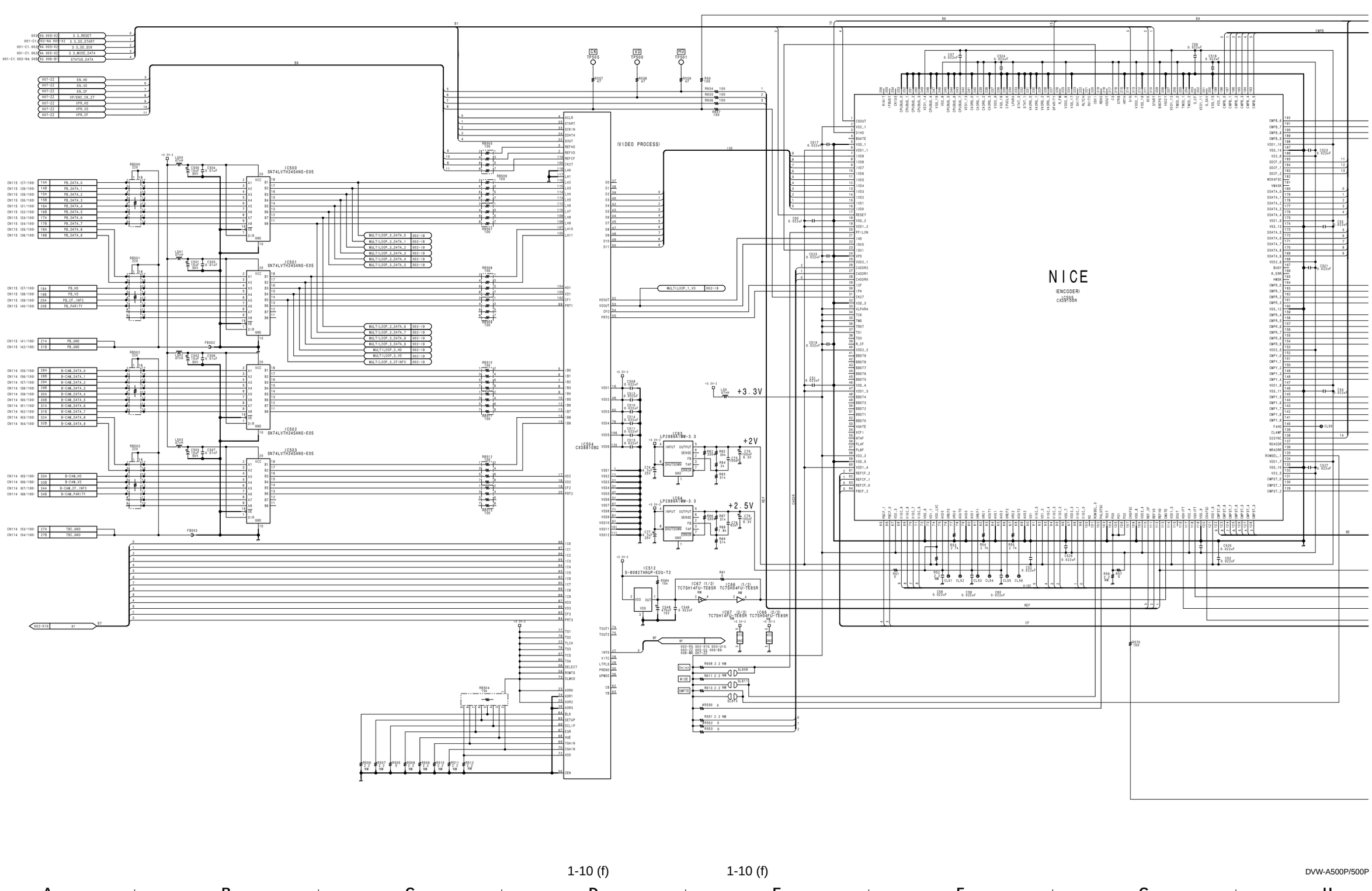
Input Digital Video Data Processor

VPR-1 BOARD (2/7)

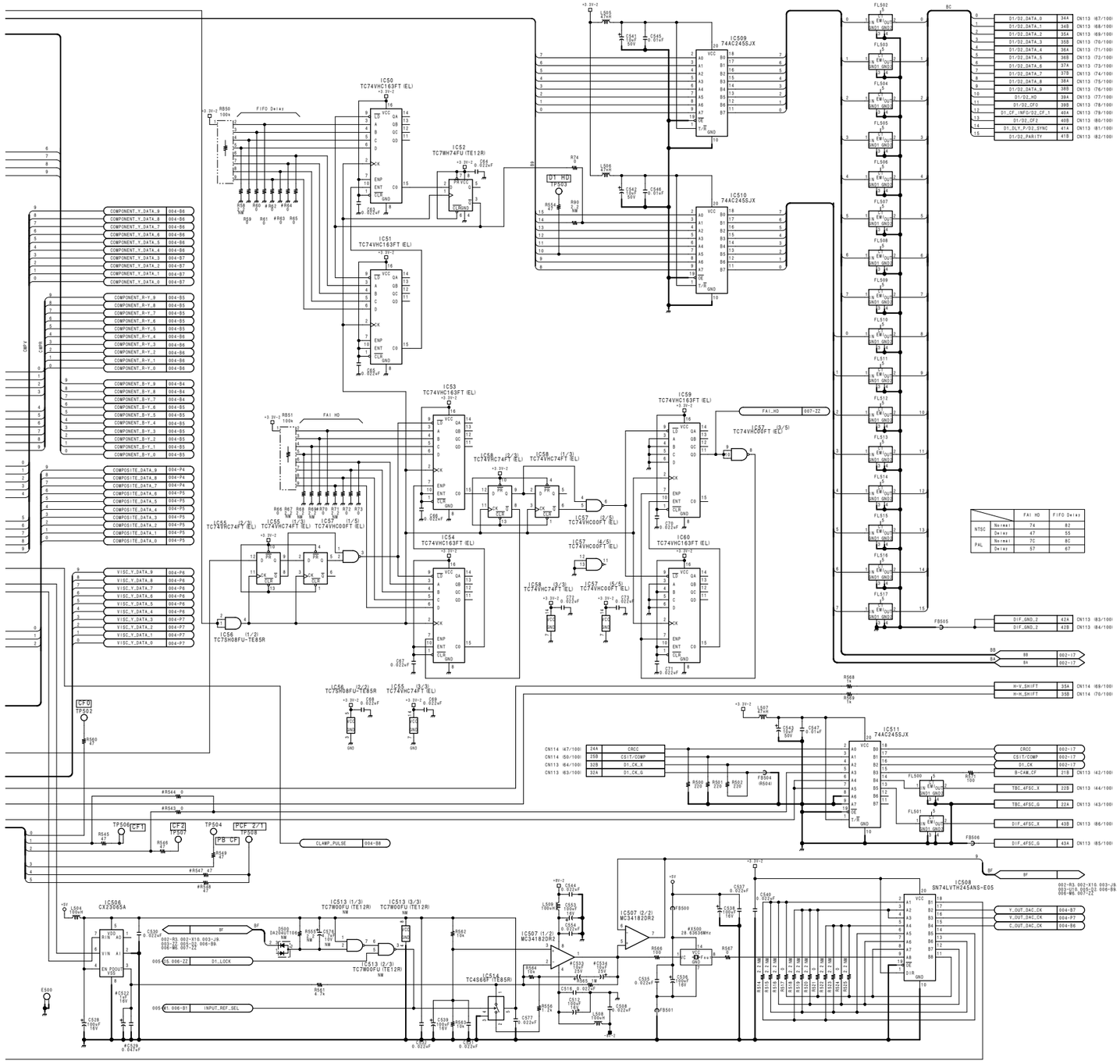
BOARD NO. 1-648-532-18
BOARD'S LOT NO. 909-
DVW-A500 (J, UC) : VPR-1A MCB
DVW-A500P (EK) : VPR-1APG MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500 (J, UC) : VPR-1A MCB
DVW-500P (EK) : VPR-1APG MCB
DVW-500P (UC) : VPR-1APG MCB

DVW-A500_VPR-1_002_2

VPR-1 (3/7)


(VIDEO PROCESS)
NICE
(ENCODER)
CXD3700R
IC509
SN74LVTH245ANS-E05
IC502
SN74LVTH245ANS-E05
IC503
SN74LVTH245ANS-E05
IC512
S-80827ANUP-EDQ-T2
IC63
LP2986AIMM-3.3
IC64
LP2986AIMM-3.3
IC67 (1/2)
TC7SH14FU-TE85R
IC66 (1/2)
TC7SH04FU-TE85R
IC67 (2/2)
TC7SH14FU-TE85R
IC66 (2/2)
TC7SH04FU-TE85R
+3.3V
+2V
+2.5V
CN115 (27/100)
CN115 (28/100)
CN115 (29/100)
CN115 (30/100)
CN115 (31/100)
CN115 (32/100)
CN115 (33/100)
CN115 (34/100)
CN115 (35/100)
CN115 (36/100)
PB_DATA_0
PB_DATA_1
PB_DATA_2
PB_DATA_3
PB_DATA_4
PB_DATA_5
PB_DATA_6
PB_DATA_7
PB_DATA_8
PB_DATA_9
CN115 (37/100)
CN115 (38/100)
CN115 (39/100)
CN115 (40/100)
PB_HD
PB_VD
PB_CF_INFO
PB_PARITY
CN115 (41/100)
CN115 (42/100)
PB_GND
CN114 (55/100)
CN114 (56/100)
CN114 (57/100)
CN114 (58/100)
CN114 (59/100)
CN114 (60/100)
CN114 (61/100)
CN114 (62/100)
CN114 (63/100)
CN114 (64/100)
B-CAM_DATA_0
B-CAM_DATA_1
B-CAM_DATA_2
B-CAM_DATA_3
B-CAM_DATA_4
B-CAM_DATA_5
B-CAM_DATA_6
B-CAM_DATA_7
B-CAM_DATA_8
B-CAM_DATA_9
CN114 (65/100)
CN114 (66/100)
CN114 (67/100)
CN114 (68/100)
B-CAM_HD
B-CAM_VD
B-CAM_CF_INFO
B-CAM_PARITY
CN114 (53/100)
CN114 (54/100)
TBC_GND
3_RESET
3_3DD_START
3_3DD_SCK
3_3_MODE_DATA
STATUS_DATA
EN_HD
EN_VD
EN_CF
VP/ENC_CK_27
VPR_HD
VPR_VD
VPR_CF
MULTLOOP_3_DATA_0
MULTLOOP_3_DATA_1
MULTLOOP_3_DATA_2
MULTLOOP_3_DATA_3
MULTLOOP_3_DATA_4
MULTLOOP_3_DATA_5
MULTLOOP_3_DATA_6
MULTLOOP_3_DATA_7
MULTLOOP_3_DATA_8
MULTLOOP_3_DATA_9
MULTLOOP_3_HD
MULTLOOP_3_VD
MULTLOOP_3_CF_INFO
MULTLOOP_1_VD
CX20817-80BG
CX20838-80BG
CXD3700R
CK
VD
HD
+3V-2
+3V-1
L500 47uH
L501 47uH
L502 47uH
L503 47uH
FB502
FB503
FB504
FB505
FB506
FB507
FB508
FB509
FB510
FB511
FB512
FB513
FB514
FB515
FB516
FB517
FB518
FB519
FB520
FB521
FB522
FB523
FB524
FB525
FB526
FB527
FB528
FB529
FB530
FB531
FB532
FB533
FB534
FB535
FB536
FB537
FB538
FB539
FB540
FB541

VPR-1 (3/7)



#	NTSC	PAL
C522	1uF 16V 20%	NW
C529	NW	0.047uF 25V B
C533	10uF 25V 20%	68uF 6.3V 20%
C534	10uF 25V 20%	68uF 6.3V 20%
R62	0	NW
R63	0	NW
R64	NW	0
R70	0	NW
R543	NW	0
R544	0	NW
R547	47 1/10W 5%	NW
R548	NW	47 1/10W 5%
R550	NW	0
R552	0	NW
X500	28.63636MH	35.46895MH

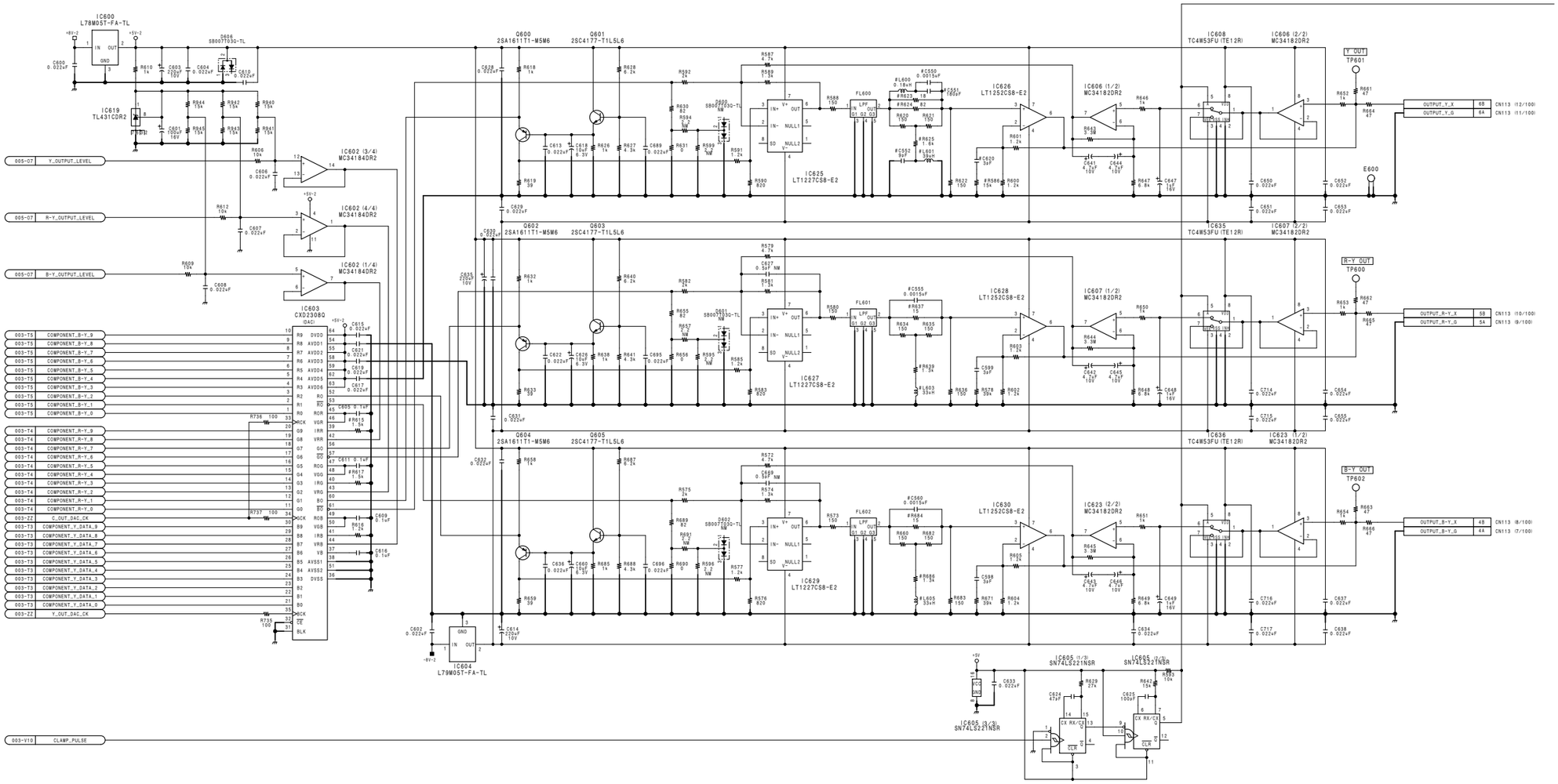
		FAI HD	FIFO Delay
NTSC	Normal	74	82
	Delay	47	55
PAL	Normal	7C	8C
	Delay	57	67

Digital Video Data Encoder

VPR-1 BOARD (3/7)

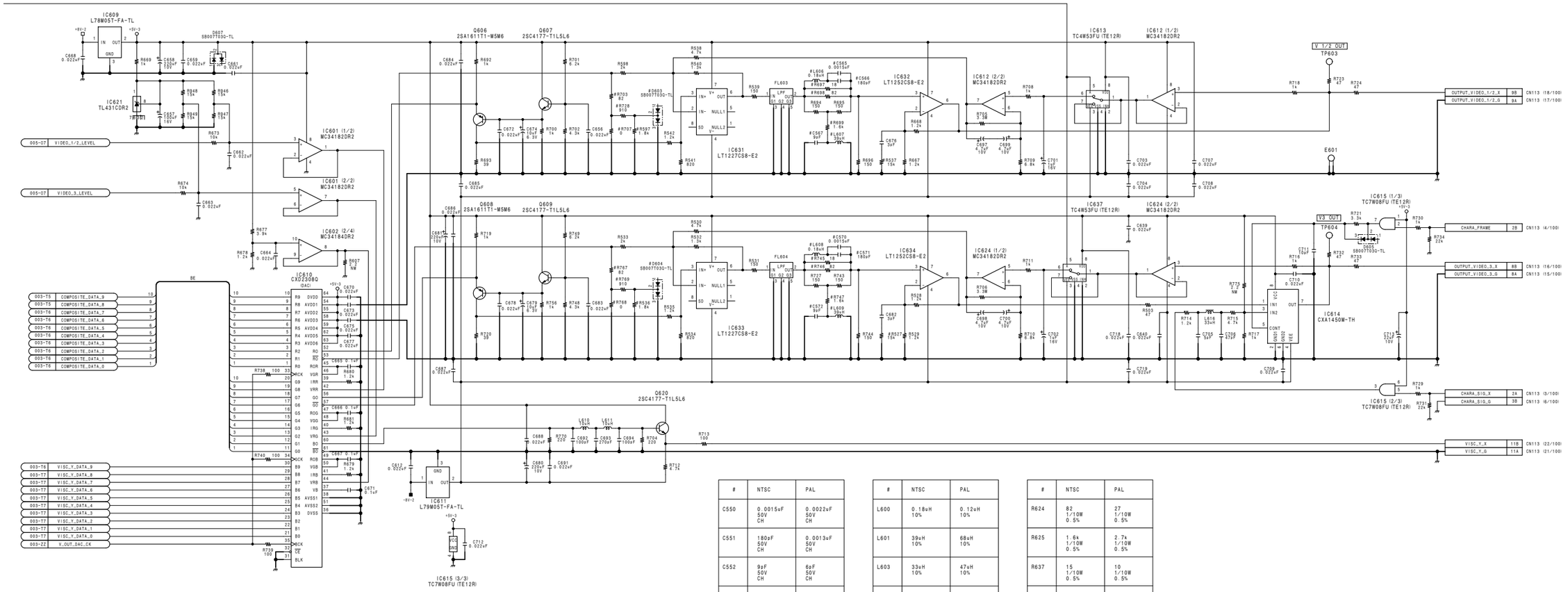
BOARD NO. 1-648-532-18
BOARD'S LOT NO. 909-
DVW-A500 (J, UC) : VPR-1A MCB
DVW-A500P (EK) : VPR-1APG MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500 (J, UC) : VPR-1A MCB
DVW-500P (EK) : VPR-1APG MCB
DVW-500P (UC) : VPR-1APG MCB
DVW-A500_VPR-1_002_3

VPR-1 (4/7)


IC600 L78M05T-FA-TL
IC619 TL431CDR2
IC602 (3/4) MC34184DR2
IC602 (4/4) MC34184DR2
IC602 (1/4) MC34184DR2
IC603 CXD2308Q (DAC)
IC604 L79M05T-FA-TL
IC605 (1/3) SN74LS221NSR
IC605 (2/3) SN74LS221NSR
IC605 (3/3) SN74LS221NSR
Q600 2SA1611T1-M5M6
Q601 2SC4177-T1L5L6
Q602 2SA1611T1-M5M6
Q603 2SC4177-T1L5L6
Q604 2SA1611T1-M5M6
Q605 2SC4177-T1L5L6
IC625 LT1227CS8-E2
IC626 LT1252CS8-E2
IC627 LT1227CS8-E2
IC628 LT1252CS8-E2
IC629 LT1227CS8-E2
IC630 LT1252CS8-E2
FL600
FL601
FL602
IC606 (1/2) MC34182DR2
IC607 (1/2) MC34182DR2
IC623 (2/2) MC34182DR2
IC607 (2/2) MC34182DR2
IC608 TC4W53FU (TE12R)
IC635 TC4W53FU (TE12R)
IC636 TC4W53FU (TE12R)
Y OUT TP601
R-Y OUT TP600
B-Y OUT TP602
E600
005-07 Y_OUTPUT_LEVEL
005-07 R-Y_OUTPUT_LEVEL
005-07 B-Y_OUTPUT_LEVEL
003-T5 COMPONENT_B-Y_9
003-T5 COMPONENT_B-Y_8
003-T5 COMPONENT_B-Y_7
003-T5 COMPONENT_B-Y_6
003-T5 COMPONENT_B-Y_5
003-T5 COMPONENT_B-Y_4
003-T5 COMPONENT_B-Y_3
003-T5 COMPONENT_B-Y_2
003-T5 COMPONENT_B-Y_1
003-T5 COMPONENT_B-Y_0
003-T4 COMPONENT_R-Y_9
003-T4 COMPONENT_R-Y_8
003-T4 COMPONENT_R-Y_7
003-T4 COMPONENT_R-Y_6
003-T4 COMPONENT_R-Y_5
003-T4 COMPONENT_R-Y_4
003-T4 COMPONENT_R-Y_3
003-T4 COMPONENT_R-Y_2
003-T4 COMPONENT_R-Y_1
003-T4 COMPONENT_R-Y_0
003-ZZ C_OUT_DAC_CK
003-T3 COMPONENT_Y_DATA_9
003-T3 COMPONENT_Y_DATA_8
003-T3 COMPONENT_Y_DATA_7
003-T3 COMPONENT_Y_DATA_6
003-T3 COMPONENT_Y_DATA_5
003-T3 COMPONENT_Y_DATA_4
003-T3 COMPONENT_Y_DATA_3
003-T3 COMPONENT_Y_DATA_2
003-T3 COMPONENT_Y_DATA_1
003-T3 COMPONENT_Y_DATA_0
003-ZZ Y_OUT_DAC_CK
003-V10 CLAMP_PULSE
OUTPUT_Y_X 6B CN113 (12/100)
OUTPUT_Y_G 6A CN113 (11/100)
OUTPUT_R-Y_X 5B CN113 (10/100)
OUTPUT_R-Y_G 5A CN113 (9/100)
OUTPUT_B-Y_X 4B CN113 (8/100)
OUTPUT_B-Y_G 4A CN113 (7/100)

1-12 (f)

VPR-1 (4/7)



#	NTSC	PAL
C550	0.0015uF 50V CH	0.0022uF 50V CH
C551	180pF 50V CH	0.0013uF 50V CH
C552	9pF 50V CH	6pF 50V CH
C555	0.0015uF 50V CH	0.0022uF 50V CH
C560	0.0015uF 50V CH	0.0022uF 50V CH
C565	0.0015uF 50V CH	0.0022uF 50V CH
C566	180pF 50V CH	0.0013uF 50V CH
C567	9pF 50V CH	6pF 50V CH
C570	0.0015uF 50V CH	0.0022uF 50V CH
C571	180pF 50V CH	0.0013uF 50V CH
C572	9pF 50V CH	6pF 50V CH
C620	3pF 50V CJ	4pF 50V CH
D603	NM	SB007T03Q
D604	NM	SB007T03Q

#	NTSC	PAL
L600	0.18uH 10%	0.12uH 10%
L601	39uH 10%	68uH 10%
L603	33uH 10%	47uH 10%
L605	33uH 10%	47uH 10%
L606	0.18uH 10%	0.12uH 10%
L607	39uH 10%	68uH 10%
L608	0.18uH 10%	0.12uH 10%
L609	39uH 10%	68uH 10%
R527	15k 1/10W 0.5%	39k 1/10W 0.5%
R536	NM	1.8k 1/10W 0.5%
R537	15k 1/10W 0.5%	39k 1/10W 0.5%
R586	15k 1/10W 0.5%	30k 1/10W 0.5%
R597	NM	1.8k 1/10W 0.5%
R615	1.5k 1/10W 0.5%	1.8k 1/10W 0.5%
R617	1.5k 1/10W 0.5%	1.8k 1/10W 0.5%
R623	18 1/10W 0.5%	10 1/10W 0.5%

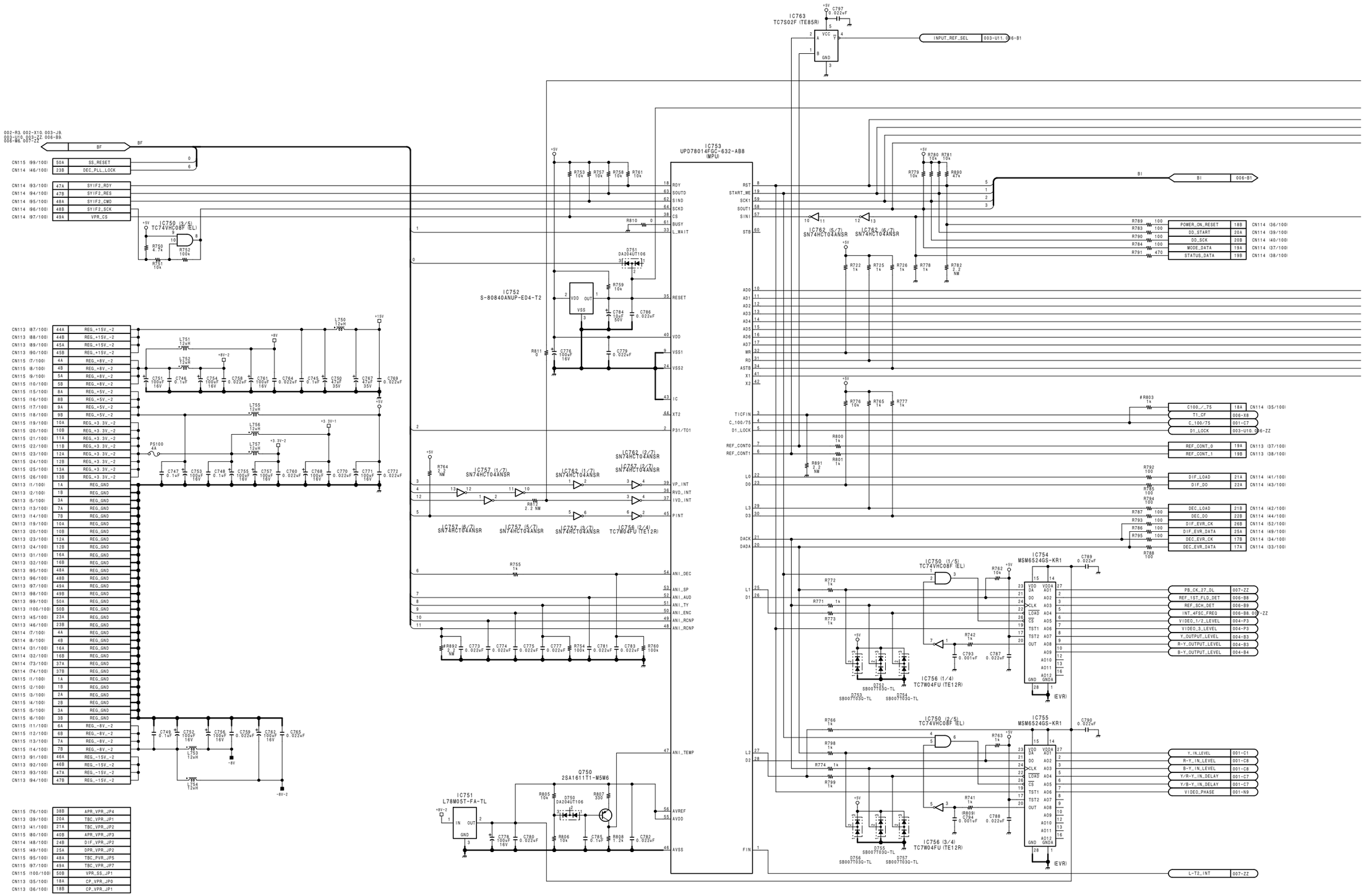
#	NTSC	PAL
R624	82 1/10W 0.5%	27 1/10W 0.5%
R625	1.6k 1/10W 0.5%	2.7k 1/10W 0.5%
R637	15 1/10W 0.5%	10 1/10W 0.5%
R639	1.3k 1/10W 0.5%	2k 1/10W 0.5%
R684	15 1/10W 0.5%	10 1/10W 0.5%
R686	1.3k 1/10W 0.5%	2k 1/10W 0.5%
R697	18 1/10W 0.5%	10 1/10W 0.5%
R698	82 1/10W 0.5%	27 1/10W 0.5%
R699	1.6k 1/10W 0.5%	2.7k 1/10W 0.5%
R703	82 1/10W 0.5%	47 1/10W 0.5%
R707	0 — —	36 1/10W 0.5%
R728	NM	910 1/10W 0.5%
R745	18 1/10W 0.5%	10 1/10W 0.5%
R746	82 1/10W 0.5%	27 1/10W 0.5%
R747	1.6k 1/10W 0.5%	2.7k 1/10W 0.5%
R767	82 1/10W 0.5%	47 1/10W 0.5%
R768	0 — —	36 1/10W 0.5%
R769	NM	910 1/10W 0.5%

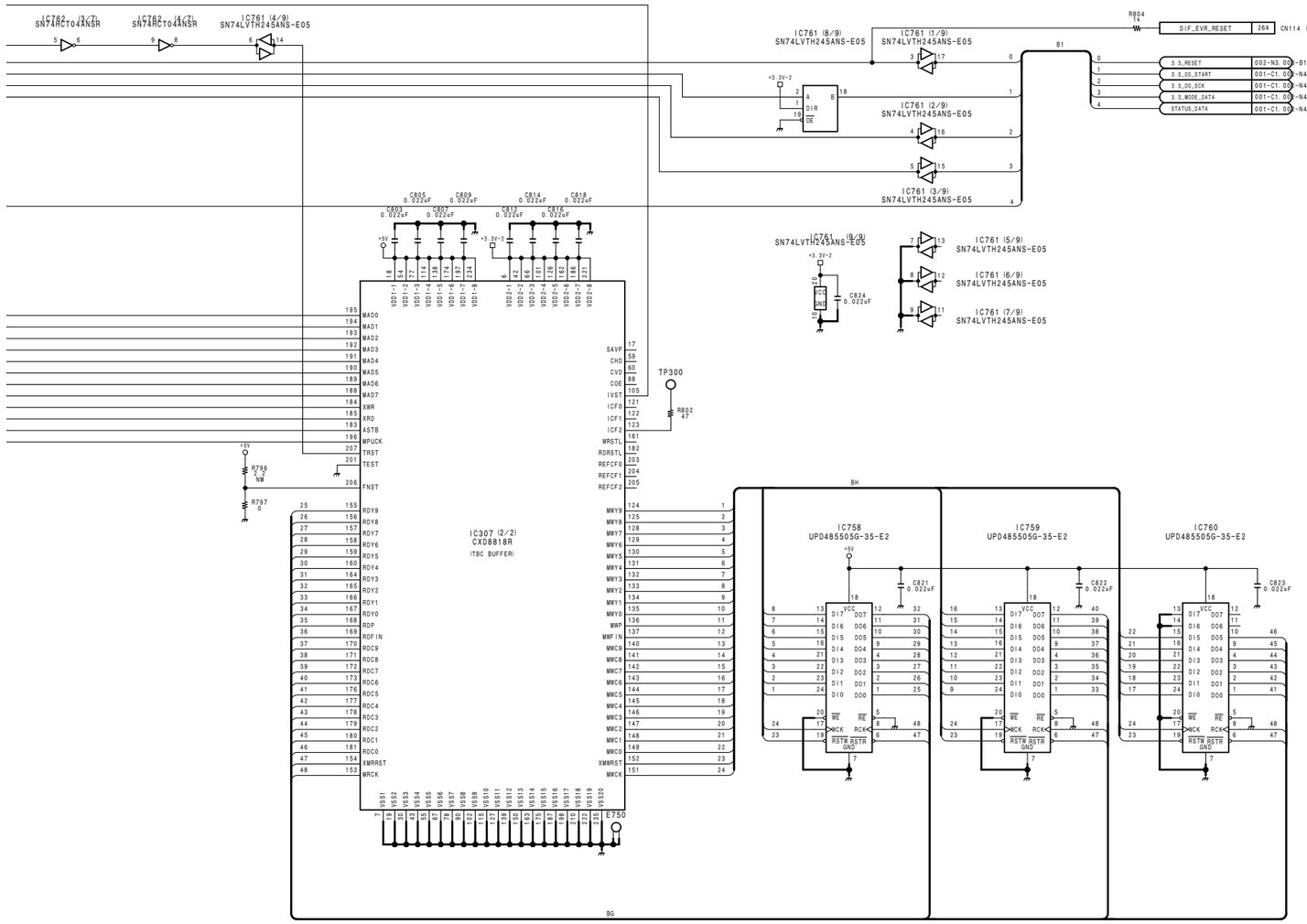
Output Video Signal D/A Converter

VPR-1 BOARD (4/7)

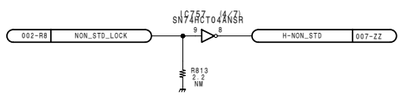
BOARD NO. 1-648-532-18
BOARD'S LOT NO. 909-
DVW-A500 (J, UC) : VPR-1A MCB
DVW-A500P (EK) : VPR-1APG MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500 (J, UC) : VPR-1A MCB
DVW-500P (EK) : VPR-1APG MCB
DVW-500P (UC) : VPR-1APG MCB
DVW-A500_VPR-1_002_4

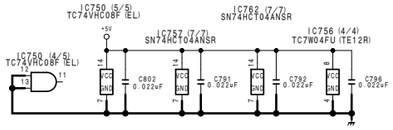
VPR-1 (5/7)


IC763
TC7S02F (TE85R)
C787 0.022uF
INPUT_REF_SEL
003-U11.
IC753
UPD78014FGC-632-AB8
IMPU
IC752
S-80840ANUP-ED4-T2
D751
DA204UT106
C784 10uF 50V
C786 0.022uF
C779 0.022uF
C776 100uF 16V
R811 0
R759 10k
R810 0
IC750 (3/5)
TC74VHC08F (EL)
R750 4.7k
R751 10k
R752 10k
IC762 (5/7)
SN74HCT04ANSR
IC762 (6/7)
SN74HCT04ANSR
R780 10k
R781 10k
R779 10k
R890 47k
R722 1k
R725 1k
R726 1k
R778 1k
R782 2.2 NM
BI
006-B1
R789 100
R783 100
R790 100
R784 100
R791 470
POWER_ON_RESET 18B CN114 (36/100)
DD_START 20A CN114 (39/100)
DD_SCK 20B CN114 (40/100)
MODE_DATA 19A CN114 (37/100)
STATUS_DATA 19B CN114 (38/100)
L750 12uH
L751 12uH
L752 12uH
L755 12uH
L756 12uH
L757 12uH
L753 12uH
L754 12uH
PS100 4A
+8V
+8V-2
+15V
+5V
+3.3V-1
+3.3V-2
-8V
-8V-2
C751 100uF 16V
C746 0.1uF
C754 100uF 16V
C758 0.022uF
C761 100uF 16V
C764 0.022uF
C745 0.1uF
C750 47uF 35V
C767 47uF 35V
C769 0.022uF
C747 0.1uF
C753 100uF 16V
C748 0.1uF
C755 100uF 16V
C757 100uF 16V
C760 0.022uF
C768 100uF 16V
C770 0.022uF
C771 100uF 16V
C772 0.022uF
C749 0.1uF
C752 100uF 16V
C756 100uF 16V
C759 0.022uF
C762 100uF 16V
C765 0.022uF
CN113 (87/100) 44A REG_+15V_-2
CN113 (88/100) 44B REG_+15V_-2
CN113 (89/100) 45A REG_+15V_-2
CN113 (90/100) 45B REG_+15V_-2
CN115 (7/100) 4A REG_+8V_-2
CN115 (8/100) 4B REG_+8V_-2
CN115 (9/100) 5A REG_+8V_-2
CN115 (10/100) 5B REG_+8V_-2
CN115 (15/100) 8A REG_+5V_-2
CN115 (16/100) 8B REG_+5V_-2
CN115 (17/100) 9A REG_+5V_-2
CN115 (18/100) 9B REG_+5V_-2
CN115 (19/100) 10A REG_+3.3V_-2
CN115 (20/100) 10B REG_+3.3V_-2
CN115 (21/100) 11A REG_+3.3V_-2
CN115 (22/100) 11B REG_+3.3V_-2
CN115 (23/100) 12A REG_+3.3V_-2
CN115 (24/100) 12B REG_+3.3V_-2
CN115 (25/100) 13A REG_+3.3V_-2
CN115 (26/100) 13B REG_+3.3V_-2
CN113 (1/100) 1A REG_GND
CN113 (2/100) 1B REG_GND
CN113 (5/100) 3A REG_GND
CN113 (13/100) 7A REG_GND
CN113 (14/100) 7B REG_GND
CN113 (19/100) 10A REG_GND
CN113 (20/100) 10B REG_GND
CN113 (23/100) 12A REG_GND
CN113 (24/100) 12B REG_GND
CN113 (31/100) 16A REG_GND
CN113 (32/100) 16B REG_GND
CN113 (95/100) 48A REG_GND
CN113 (96/100) 48B REG_GND
CN113 (97/100) 49A REG_GND
CN113 (98/100) 49B REG_GND
CN113 (99/100) 50A REG_GND
CN113 (100/100) 50B REG_GND
CN114 (45/100) 23A REG_GND
CN114 (46/100) 23B REG_GND
CN114 (7/100) 4A REG_GND
CN114 (8/100) 4B REG_GND
CN114 (31/100) 16A REG_GND
CN114 (32/100) 16B REG_GND
CN114 (73/100) 37A REG_GND
CN114 (74/100) 37B REG_GND
CN115 (1/100) 1A REG_GND
CN115 (2/100) 1B REG_GND
CN115 (3/100) 2A REG_GND
CN115 (4/100) 2B REG_GND
CN115 (5/100) 3A REG_GND
CN115 (6/100) 3B REG_GND
CN115 (11/100) 6A REG_-8V_-2
CN115 (12/100) 6B REG_-8V_-2
CN115 (13/100) 7A REG_-8V_-2
CN115 (14/100) 7B REG_-8V_-2
CN113 (91/100) 46A REG_-15V_-2
CN113 (92/100) 46B REG_-15V_-2
CN113 (93/100) 47A REG_-15V_-2
CN113 (94/100) 47B REG_-15V_-2
002-R3, 002-X10, 003-J9, 003-U10, 003-CZ, 006-B9, 006-M6, 007-Z2
BF
CN115 (99/100) 50A SS_RESET
CN114 (46/100) 23B DEC_PLL_LOCK
CN114 (93/100) 47A SYIF2_RDY
CN114 (94/100) 47B SYIF2_RES
CN114 (95/100) 48A SYIF2_CMD
CN114 (96/100) 48B SYIF2_SCK
CN114 (97/100) 49A VPR_CS
CN115 (76/100) 38B APR_VPR_JP4
CN113 (39/100) 20A TBC_VPR_JP1
CN113 (41/100) 21A TBC_VPR_JP2
CN115 (80/100) 40B APR_VPR_JP3
CN114 (48/100) 24B DIF_VPR_JP2
CN115 (49/100) 25A DPR_VPR_JP2
CN115 (95/100) 48A TBC_PVR_JP5
CN115 (97/100) 49A TBC_VPR_JP7
CN115 (100/100) 50B VPR_SS_JP1
CN113 (35/100) 18A CP_VPR_JP0
CN113 (36/100) 18B CP_VPR_JP1
R753 10k
R757 10k
R758 10k
R761 10k
R764 2.2 NM
R892 2.2 NM
R885 2.2 NM
R755 1k
R773 0.022uF
R774 0.022uF
R775 0.022uF
R777 0.022uF
R754 100k
R781 0.022uF
R760 100k
R783 0.022uF
Q750
2SA1611T1-M5M6
R805 10k
D750
DA204UT106
R807 330
R806 10k
C785 0.1uF
R808 1.2k
C782 0.022uF
IC751
L78M05T-FA-TL
C778 100uF 16V
C780 0.022uF
IC757 (1/7)
SN74HCT04ANSR
IC762 (2/7)
SN74HCT04ANSR
IC757 (2/7)
SN74HCT04ANSR
IC757 (6/7)
SN74HCT04ANSR
IC757 (5/7)
SN74HCT04ANSR
IC757 (3/7)
SN74HCT04ANSR
IC756 (2/4)
TC7W04FU (TE12R)
R764 2.2 NM
R892 2.2 NM
R885 2.2 NM
R810 0
R811 0
R800 1k
R801 1k
R891 2.2 NM
R802 100
R784 100
R787 100
R793 100
R786 100
R795 100
R788 100
DIF_LOAD 21A CN114 (41/100)
DIF_DO 22A CN114 (43/100)
DEC_LOAD 21B CN114 (42/100)
DEC_DO 22B CN114 (44/100)
DIF_EVR_CK 26B CN114 (52/100)
DIF_EVR_DATA 25A CN114 (49/100)
DEC_EVR_CK 17B CN114 (34/100)
DEC_EVR_DATA 17A CN114 (33/100)
IC750 (1/5)
TC74VHC08F (EL)
IC754
MSM6524GS-KR1
C789 0.022uF
R762 10k
R772 1k
R771 1k
R773 1k
R742 1k
C793 0.001uF
C787 0.022uF
IC756 (1/4)
TC7W04FU (TE12R)
D753 SB007T03G-TL
D754 SB007T03G-TL
(EVR)
PB_CK_27_DL 007-Z2
REF_1ST_FLD_DET 006-B8
REF_SCH_DET 006-B9
INT_4FSC_FREQ 006-B8, 007-Z2
VIDEO_1/2_LEVEL 004-P3
VIDEO_3_LEVEL 004-P3
Y_OUTPUT_LEVEL 004-B3
R-Y_OUTPUT_LEVEL 004-B3
B-Y_OUTPUT_LEVEL 004-B4
IC750 (2/5)
TC74VHC08F (EL)
IC755
MSM6524GS-KR1
C790 0.022uF
R763 1k
R766 1k
R798 1k
R774 1k
R799 1k
R741 1k
R809 C794 0.001uF
C788 0.022uF
IC756 (3/4)
TC7W04FU (TE12R)
D755 SB007T03G-TL
D756 SB007T03G-TL
D757 SB007T03G-TL
(EVR)
Y_IN_LEVEL 001-C1
R-Y_IN_LEVEL 001-C8
B-Y_IN_LEVEL 001-C8
Y/R-Y_IN_DELAY 001-C7
Y/B-Y_IN_DELAY 001-C7
VIDEO_PHASE 001-N9
L-T2_INT 007-Z2
#R803 1k
C100_/_75 18A CN114 (35/100)
T1_CF 006-X8
C_100/75 001-C7
D1_LOCK 003-U10.
REF_CONT_0 19A CN113 (37/100)
REF_CONT_1 19B CN113 (38/100)
INPUT_REF_SEL
BI
BI 006-B1
RST
START_ME
SCK1
SOUT1
SIN1
STB
AD0
AD1
AD2
AD3
AD4
AD5
AD6
AD7
WR
RD
ASTB
X1
X2
TICFIN
C_100/75
D1_LOCK
REF_CONT0
REF_CONT1
L0
D0
L3
D3
DACK
DADA
L1
D1
L2
D2
FIN
RDY
SOUTD
SIND
SCKD
CS
BUSY
L_WAIT
RESET
VDD
VSS1
VSS2
IC
XT2
P31/TO1
VP_INT
BVD_INT
IVD_INT
PINT
ANI_DEC
ANI_SP
ANI_AUD
ANI_TY
ANI_ENC
ANI_RCNP
ANI_RCNP
ANI_TEMP
AVREF
AVDD
AVSS



#	NTSC	PAL
R803	1k 1/10W 5%	NM

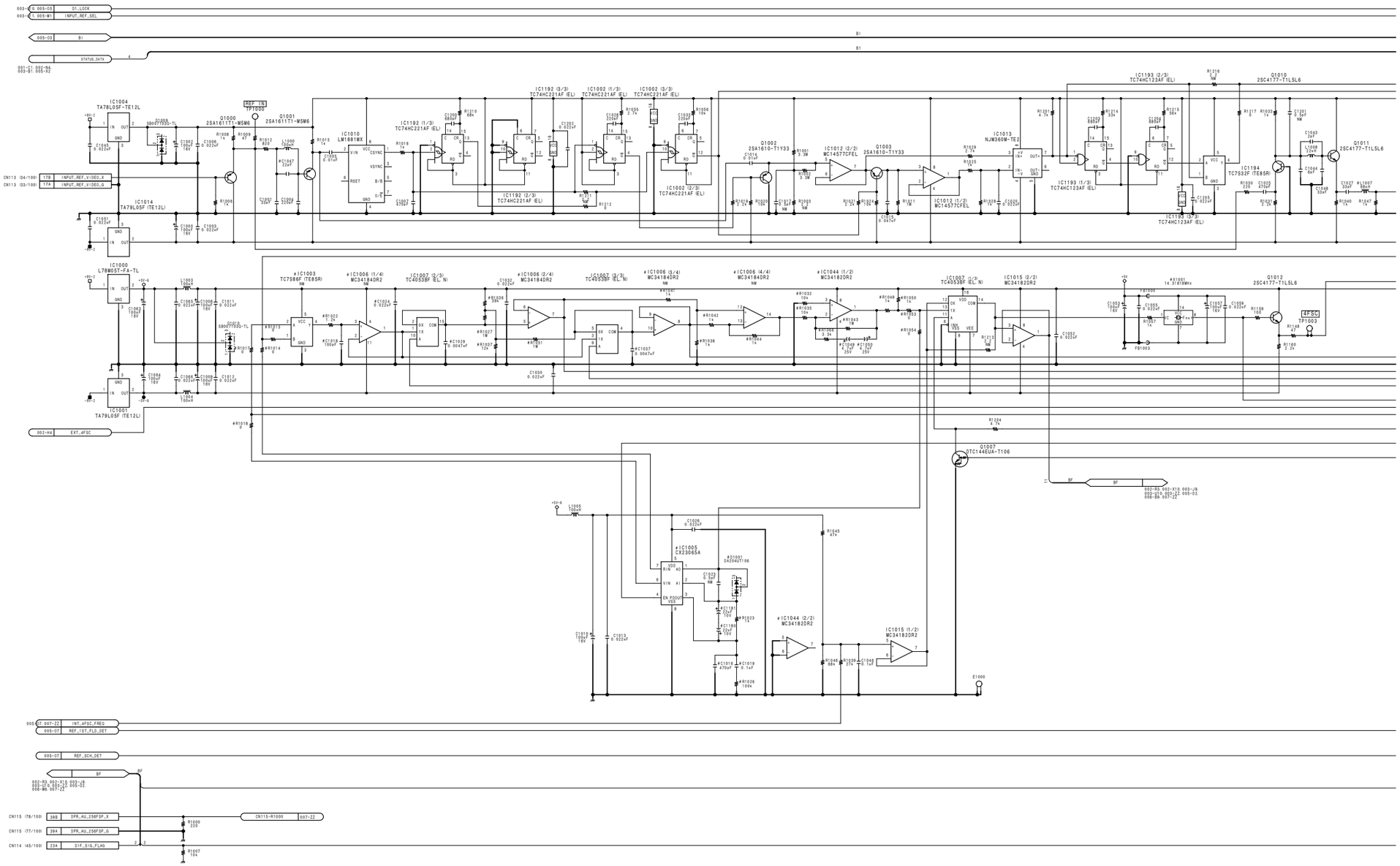




Video Process Control

VPR-1 BOARD (5/7)

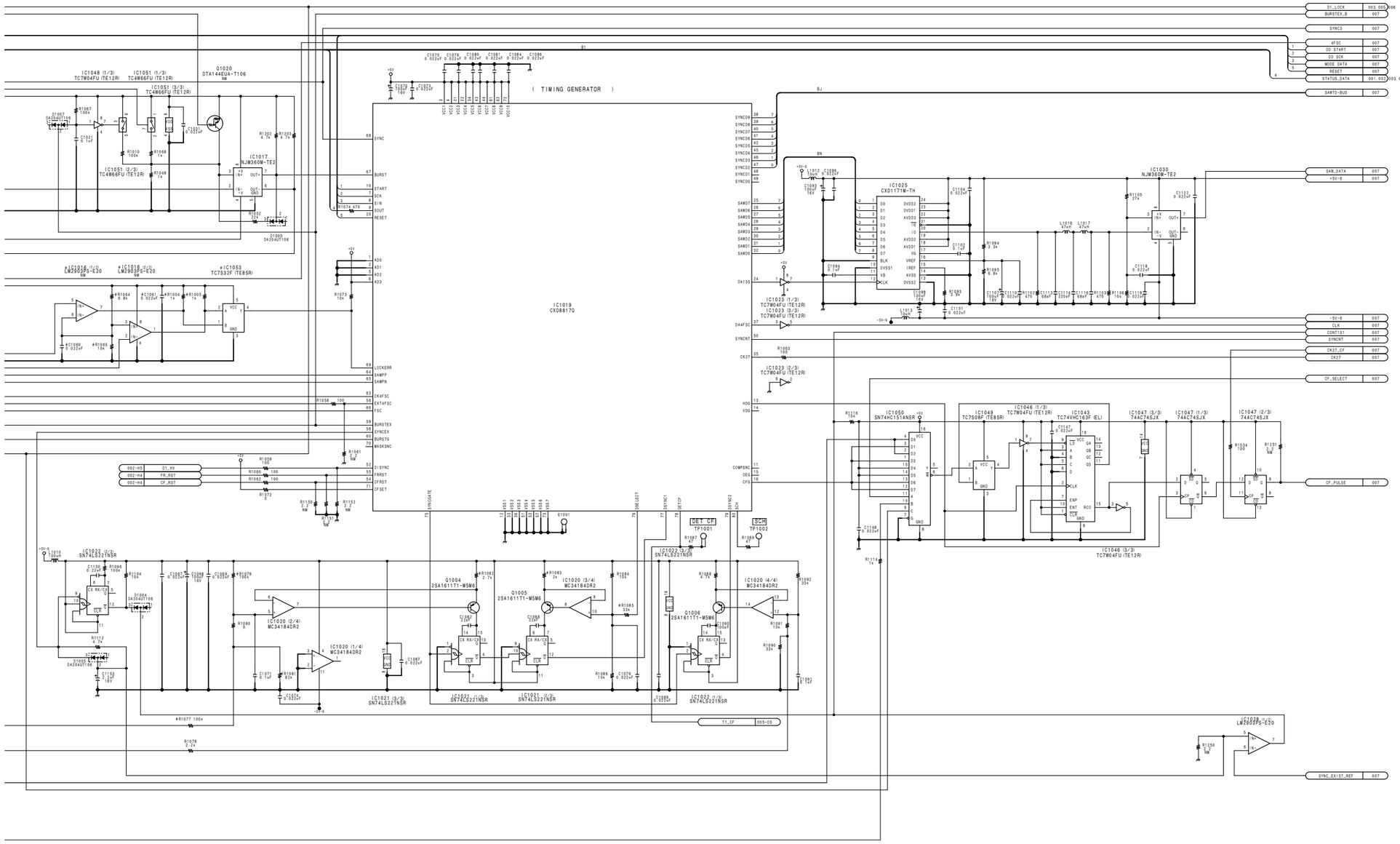
BOARD NO. 1-648-532-18
BOARD'S LOT NO. 909-
DVW-A500 (J, UC) : VPR-1A MCB
DVW-A500P (EK) : VPR-1APG MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500 (J, UC) : VPR-1A MCB
DVW-500P (EK) : VPR-1APG MCB
DVW-500P (UC) : VPR-1APG MCB
DVW-A500_VPR-1_002_5



1-16 (f) 1-16 (f)

DVW-A500P/500P

VPR-1 (6/7)



#	NTSC	PAL
C1016	470pF 50V CH	NM
C1018	NM	100pF 50V CH
C1019	0.1uF 25V F	NM
C1024	NM	0.022uF 50V B
C1029	NM	0.0047uF 16V
C1037	NM	0.0047uF 16V
C1047	22pF 50V CH	NM
C1049	NM	4.7uF 25V 20%
C1050	NM	4.7uF 25V 20%
C1060	NM	0.022uF 50V B
C1061	NM	0.022uF 50V B
C1180	22uF 10V 20%	NM
C1181	22uF 10V 20%	NM
D1001	DA204UT106	NM
IC1003	NM	TC7S86F ITE
IC1005	CX23065A	NM
IC1006	NM	MC34184DR2
IC1016	NM	LM2903PS-E
IC1044	NM	MC34182DR2
IC1053	NM	TC7S32F ITE
L1007	68uH 10%	39uH 10%
R1004	NM	1k 1/10W 5%
R1005	NM	1k 1/10W 5%
R1013	NM	0
R1014	0	NM
R1017	NM	0
R1018	0	NM
R1022	NM	1.2k 1/10W 5%
R1023	1k 1/10W 5%	NM
R1026	100k 1/10W 5%	NM
R1027	NM	1M 1/10W 5%
R1032	NM	10k 1/10W 0.5%
R1035	NM	10k 1/10W 0.5%
R1036	NM	39k 1/10W 0.5%
R1037	NM	12k 1/10W 0.5%
R1038	NM	1k 1/10W 0.5%

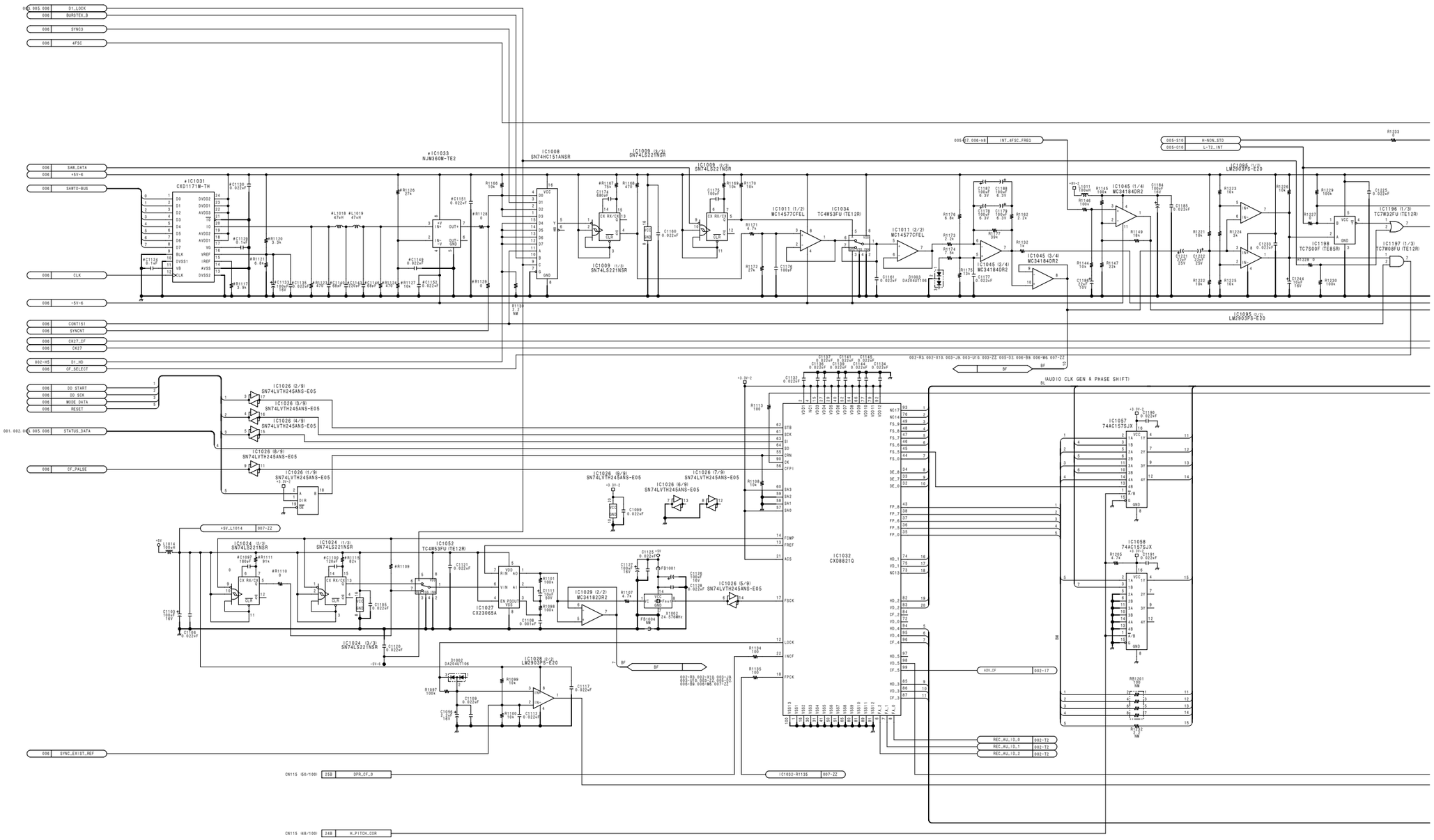
#	NTSC	PAL
R1041	NM	1k 1/10W 0.5%
R1042	NM	1k 1/10W 0.5%
R1043	NM	1M 1/10W 5%
R1044	NM	1k 1/10W 0.5%
R1049	NM	1k 1/10W 0.5%
R1050	NM	1k 1/10W 0.5%
R1051	NM	1M 1/10W 5%
R1053	NM	0
R1054	0	NM
R1064	NM	6.8k 1/10W 5%
R1065	NM	10k 1/10W 5%
R1066	NM	3.3k 1/10W 0.5%
R1077	100k 1/10W 5%	22k 1/10W 0.5%
R1079	100k 1/10W 5%	22k 1/10W 0.5%
R1081	NM	82k 1/10W 0.5%
R1082	2.7k 1/10W 0.5%	4.7k 1/10W 0.5%
R1083	2k 1/10W 0.5%	1k 1/10W 0.5%
R1085	33k 1/10W 5%	22k 1/10W 5%
X1001	14.31818MH	17.734475M

Time Ref Signal (1)

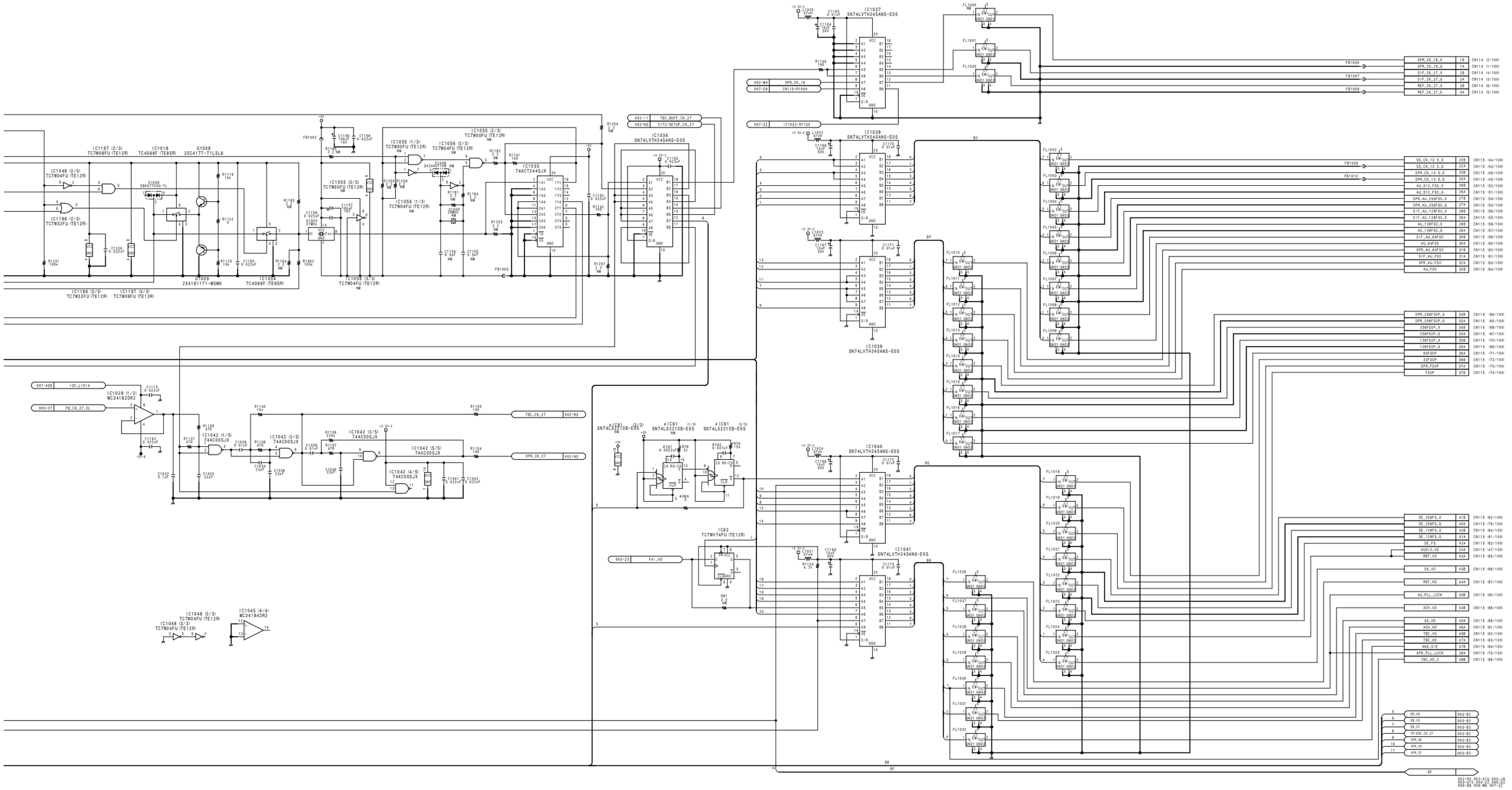
VPR-1 BOARD (6/7)

BOARD NO. 1-648-532-18
BOARD'S LOT NO. 909-
DVW-A500 (J, UC) : VPR-1A MCB
DVW-A500P (EK) : VPR-1APG MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500 (J, UC) : VPR-1A MCB
DVW-500P (EK) : VPR-1APG MCB
DVW-500P (UC) : VPR-1APG MCB
DVW-A500_VPR-1_002_6

VPR-1 (7/7)


D1_LOCK
BURSTEX_B
SYNCS
AFSC
SAM_DATA
+5V-6
SAMTD-BUS
CLK
-5V-6
CONT151
SYNCNT
CK27_CF
CK27
D1_HD
CF_SELECT
DD_START
DD_SCK
MODE_DATA
RESET
STATUS_DATA
CF_PALSE
SYNC_EXIST_REF
DPR_CF_0
H_PITCH_CON
INT_AFSC_FREQ
H-NON_STD
L-T2_INT
IC1031 CXD1171M-TH
IC1033 NJM360M-TE2
IC1008 SN74HC151ANSR
IC1009 (3/3) SN74LS221NSR
IC1009 (1/3) SN74LS221NSR
IC1011 (1/2) MC14577CFEL
IC1034 TC4W53FU (TE12R)
IC1011 (2/2) MC14577CFEL
IC1045 (1/4) MC34184DR2
IC1045 (2/4) MC34184DR2
IC1045 (3/4) MC34184DR2
IC1095 (1/3) LM2903PS-E20
IC1095 (2/3) LM2903PS-E20
IC1198 TC7S00F (TE85R)
IC1196 (1/3) TC7W32FU (TE12R)
IC1197 (1/3) TC7W08FU (TE12R)
IC1026 (2/9) SN74LVTH245ANS-E05
IC1026 (3/9) SN74LVTH245ANS-E05
IC1026 (4/9) SN74LVTH245ANS-E05
IC1026 (8/9) SN74LVTH245ANS-E05
IC1026 (7/9) SN74LVTH245ANS-E05
IC1026 (9/9) SN74LVTH245ANS-E05
IC1026 (5/9) SN74LVTH245ANS-E05
IC1026 (6/9) SN74LVTH245ANS-E05
IC1034 (2/3) SN74LS221NSR
IC1024 (1/3) SN74LS221NSR
IC1024 (3/3) SN74LS221NSR
IC1052 TC4W53FU (TE12R)
IC1027 CX23065A
IC1029 (2/2) MC34182DR2
IC1028 (2/2) LM2903PS-E20
IC1032 CXD8821Q
IC1057 74AC157SJX
IC1058 74AC157SJX
(AUDIO CLK GEN & PHASE SHIFT)
ADV_CF
REC_AU_ID_0
REC_AU_ID_1
REC_AU_ID_2
IC1032-R1135

1-18 (f)



#	NTSC	PAL
C61	NM	0.0022uF 50V CH
C62	NM	0.047uF 50V F
C1097	180pF 50V CH	NM
C1100	120pF 50V CH	150pF 50V CH
C1124	NM	0.1uF 25V F
C1129	NM	0.1uF 25V F
C1130	NM	0.022uF 50V B

#	NTSC	PAL
C1133	NM	100uF 16V
C1135	NM	0.022uF 50V B
C1140	NM	68pF 50V CH
C1143	NM	220pF 50V CH
C1146	NM	68pF 50V CH
C1149	NM	0.022uF 50V B
C1151	NM	0.022uF 50V B

#	NTSC	PAL
C1152	NM	0.022uF 50V B
IC61	NM	SN74LS221D
IC1031	NM	CXD1171M-T
IC1033	NM	NJM360W-TE
L1018	NM	47uH 10%
L1019	NM	47uH 10%
R78	NM	2k 1/10W 0.5%
R79	NM	15k 1/10W 0.5%

#	NTSC	PAL
R80	0	NM
R1109	NM	0
R1110	0	NM
R1111	91k 1/10W 0.5%	NM
R1115	82k 1/10W 0.5%	39k 1/10W 0.5%
R1117	NM	3.9k 1/10W 0.5%
R1120	NM	3.3k 1/10W 0.5%

#	NTSC	PAL
R1121	NM	6.8k 1/10W 0.5%
R1123	NM	470 1/10W 0.5%
R1124	NM	470 1/10W 0.5%
R1126	NM	27k 1/10W 0.5%
R1127	NM	10k 1/10W 0.5%
R1128	NM	0
R1129	0	NM

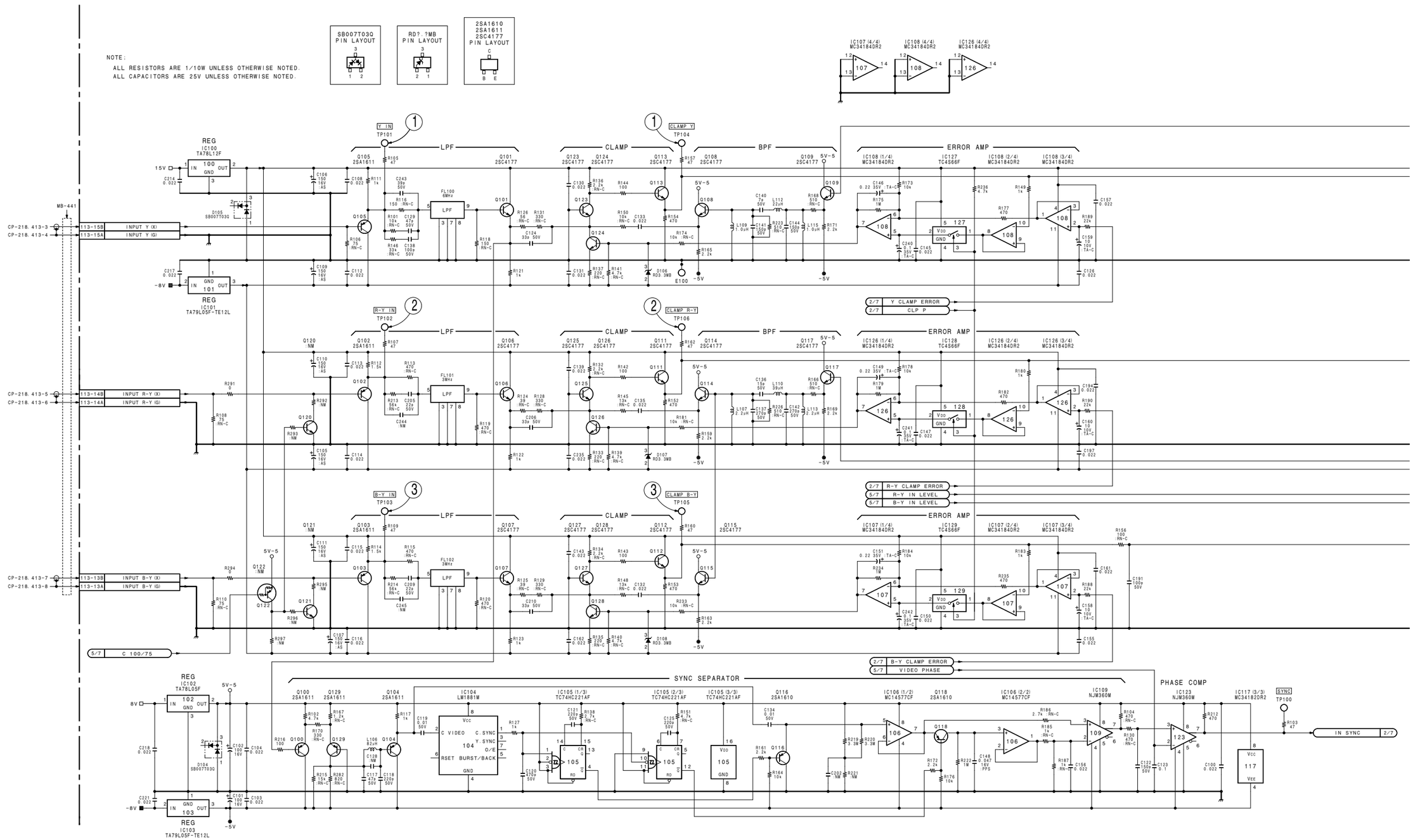
#	NTSC	PAL
R1167	75k 1/10W 0.5%	82k 1/10W 0.5%

Time Ref Signal (2) & Audio Clock Generator

VPR-1 BOARD (7/7)

BOARD NO. 1-648-532-18
BOARD'S LOT NO. 909-
DVW-A500 (J, UC) : VPR-1A MCB
DVW-A500P (EK) : VPR-1APG MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500 (J, UC) : VPR-1A MCB
DVW-500P (EK) : VPR-1APG MCB
DVW-500P (UC) : VPR-1APG MCB

DVW-A500_VPR-1_002_7

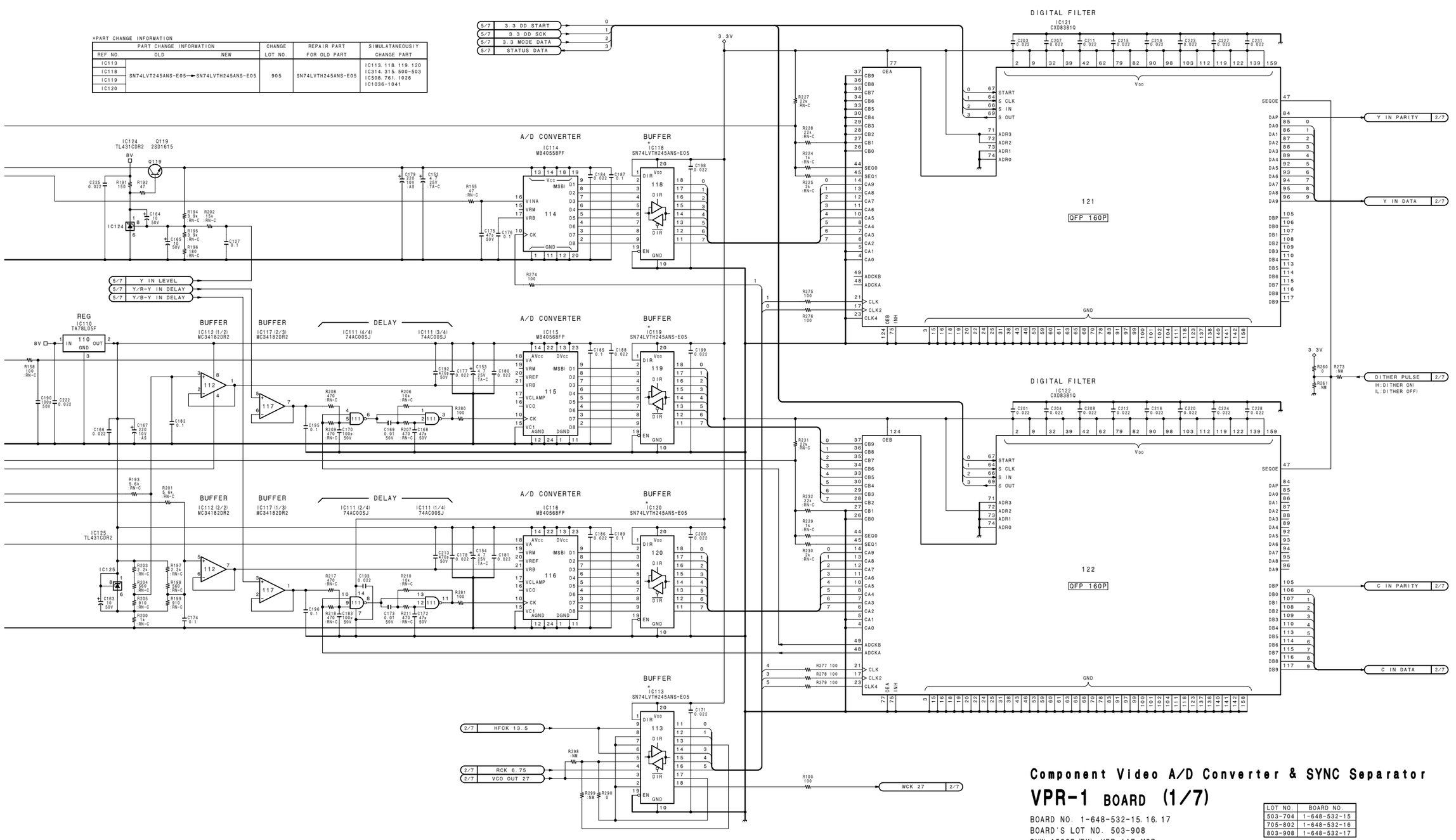


1-6 (e) 1-6 (e)

DVW-A500P/500P

*PART CHANGE INFORMATION

PART CHANGE INFORMATION		CHANGE	REPAIR PART	SIMULATANEOUSIY
REF NO.	OLD NEW	LOT NO.	FOR OLD PART	CHANGE PART
IC113 IC118 IC119 IC120	SN74LVT245ANS-E05→SN74LVTH245ANS-E05	905	SN74LVTH245ANS-E05	IC113. 118. 119. 120 IC314. 315. 500-503 IC508. 761. 1026 IC1036-1041



Component Video A/D Converter & SYNC Separator

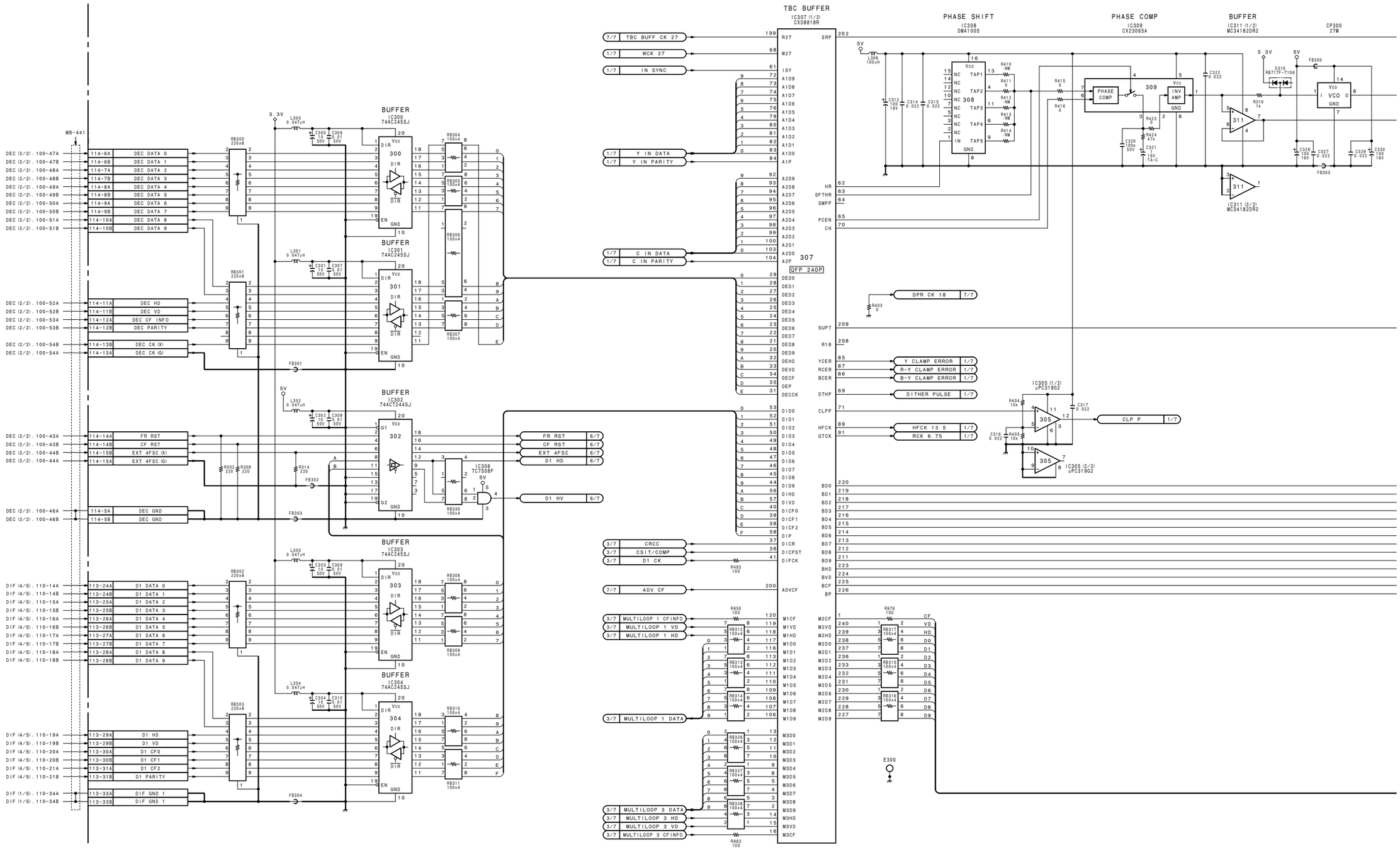
VPR-1 BOARD (1/7)

BOARD NO. 1-648-532-15. 16. 17
BOARD'S LOT NO. 503-908
DVW-A500P (EK) : VPR-1AP MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500P (EK) : VPR-1P MCB
DVW-500P (UC) : VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-E

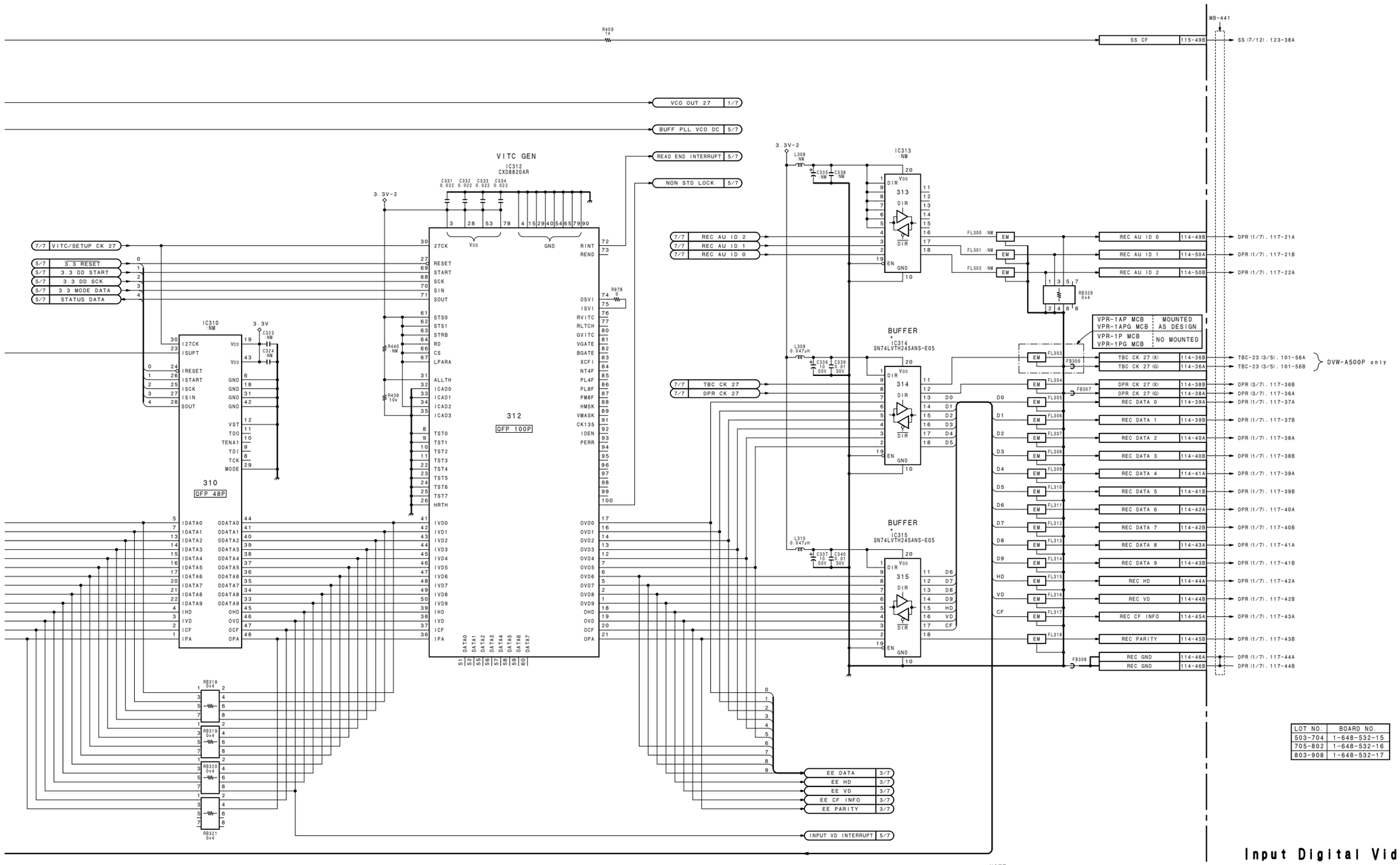
LOT NO.	BOARD NO.
503-704	1-648-532-15
705-802	1-648-532-16
803-908	1-648-532-17

VPR-1 (2/7)



1-8 (e) 1-8 (e)

VPR-1 (2/7)



*PART CHANGE INFORMATION

PART CHANGE INFORMATION		CHANGE	REPAIR PART	SIMULATANEOUSLY
REF NO.	OLD → NEW	LOT NO.	FOR OLD PART	CHANGE PART
IC314	SN74LVT245ANS-E05 → SN74LVTH245ANS-E05	905	SN74LVTH245ANS-E05	IC113. 118. 119. 120 IC314. 315. 500-503 IC508. 761. 1026 IC1036-1041
IC315				

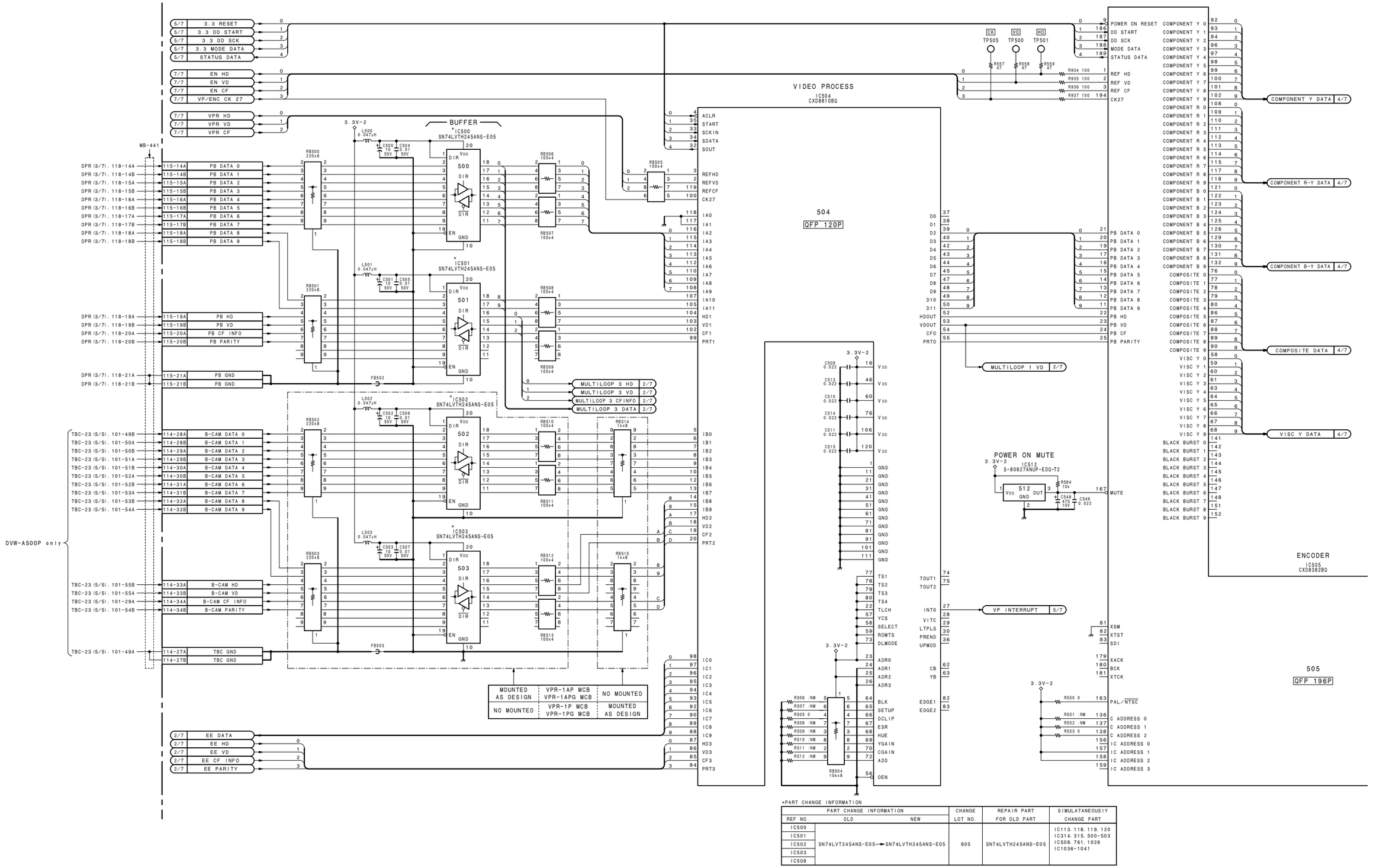
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

LOT NO.	BOARD NO.
503-704	1-648-532-15
705-802	1-648-532-16
803-908	1-648-532-17

Input Digital Video Data Processor

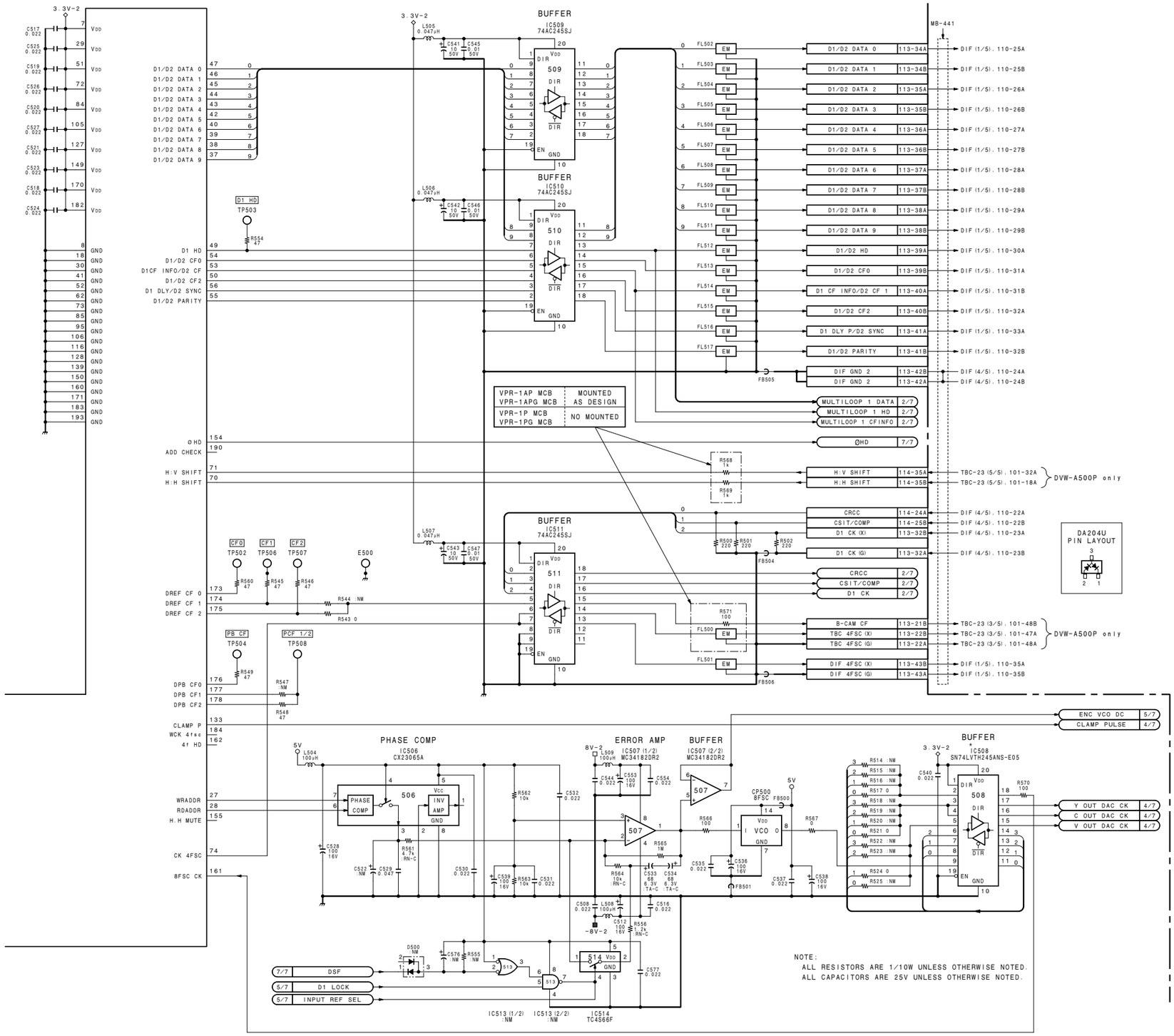
VPR-1 BOARD (2/7)

BOARD NO. 1-648-532-15, 16, 17
BOARD'S LOT NO. 503-908
DVW-A500P (EK) : VPR-1AP MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500P (EK) : VPR-1P MCB
DVW-500P (UC) : VPR-1PG MCB
DVW-VPR1-PAL-REC-S/M-04-E



*PART CHANGE INFORMATION

PART CHANGE INFORMATION		CHANGE	REPAIR PART	SIMULATANEOUSLY
REF NO.	OLD NEW	LOT NO.	FOR OLD PART	CHANGE PART
IC500	SN74LVT245ANS-E05→SN74LVTH245ANS-E05	905	SN74LVTH245ANS-E05	IC113. 118. 119. 120 IC314. 315. 500-503 IC508. 761. 1026 IC1036-1041
IC501				
IC502				
IC503				
IC508				



LOT NO.	BOARD NO.
503-704	1-648-532-15
705-802	1-648-532-16
803-908	1-648-532-17

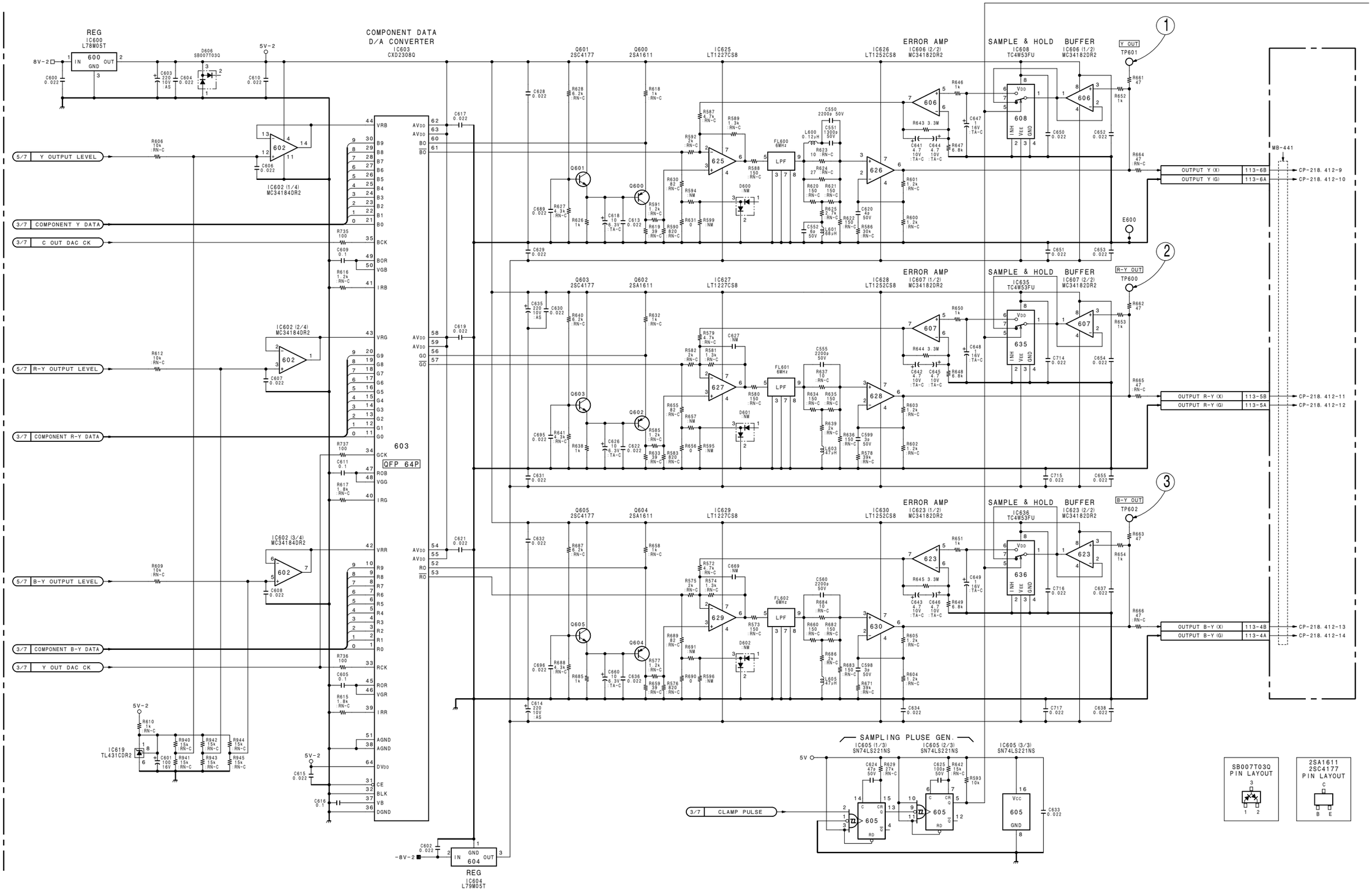
Digital Video Data Encoder

VPR-1 BOARD (3/7)

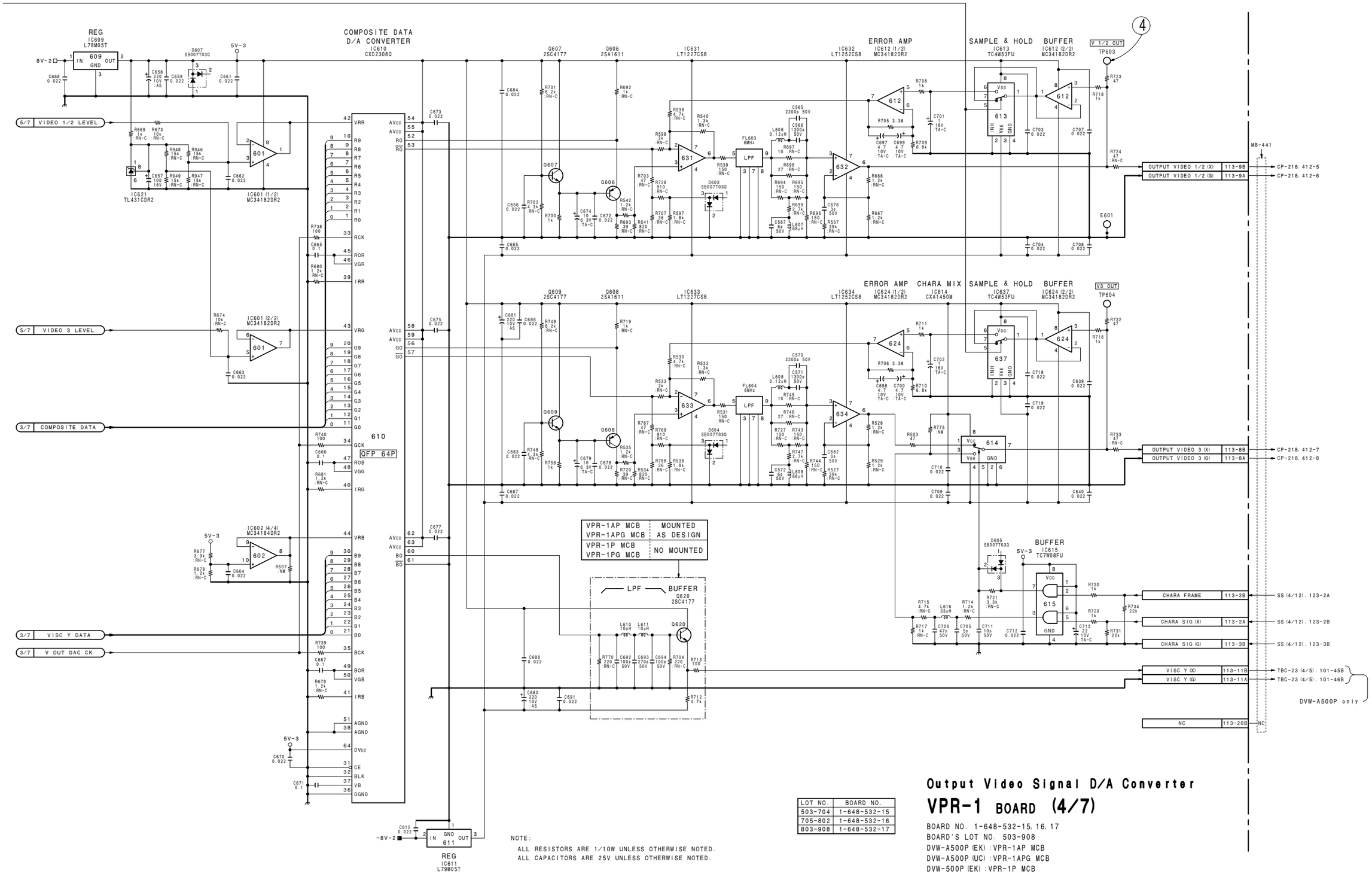
BOARD NO. 1-648-532-15, 16, 17
BOARD'S LOT NO. 503-908
DVW-A500P (EK) : VPR-1AP MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500P (EK) : VPR-1P MCB
DVW-500P (UC) : VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-E

VPR-1 (4/7)


REG
IC600
L78M05T
8V-2
5V-2
D606
SB007T03Q
C600 0.022
C603 220 10V AS
C604 0.022
C610 0.022
COMPONENT DATA
D/A CONVERTER
IC603
CXD2308Q
603
QFP 64P
IC602 (1/4) MC34184DR2
IC602 (2/4) MC34184DR2
IC602 (3/4) MC34184DR2
IC602 (4/4) MC34184DR2
5/7 Y OUTPUT LEVEL
5/7 R-Y OUTPUT LEVEL
5/7 B-Y OUTPUT LEVEL
3/7 COMPONENT Y DATA
3/7 C OUT DAC CK
3/7 COMPONENT R-Y DATA
3/7 COMPONENT B-Y DATA
3/7 Y OUT DAC CK
VRB
B9
B8
B7
B6
B5
B4
B3
B2
B1
B0
BCK
BOR
VGB
IRB
VRG
G9
G8
G7
G6
G5
G4
G3
G2
G1
G0
GCK
ROB
VGG
IRG
VRR
R9
R8
R7
R6
R5
R4
R3
R2
R1
R0
RCK
ROR
VGR
IRR
AGND
DVDD
CE
BLK
VB
DGND
AVDD
BO
GO
RO
Q601 2SC4177
Q600 2SA1611
IC625 LT1227CS8
IC626 LT1252CS8
ERROR AMP
IC606 (2/2) MC34182DR2
SAMPLE & HOLD BUFFER
IC608 TC4W53FU
IC606 (1/2) MC34182DR2
Y OUT
TP601
E600
FL600 6MHz
LPF
OUTPUT Y (X)
OUTPUT Y (G)
113-6B
113-6A
Q603 2SC4177
Q602 2SA1611
IC627 LT1227CS8
IC628 LT1252CS8
IC607 (1/2) MC34182DR2
IC635 TC4W53FU
IC607 (2/2) MC34182DR2
R-Y OUT
TP600
FL601 6MHz
OUTPUT R-Y (X)
OUTPUT R-Y (G)
113-5B
113-5A
Q605 2SC4177
Q604 2SA1611
IC629 LT1227CS8
IC630 LT1252CS8
IC623 (1/2) MC34182DR2
IC636 TC4W53FU
IC623 (2/2) MC34182DR2
B-Y OUT
TP602
FL602 6MHz
OUTPUT B-Y (X)
OUTPUT B-Y (G)
113-4B
113-4A
SAMPLING PLUSE GEN.
IC605 (1/3) SN74LS221NS
IC605 (2/3) SN74LS221NS
IC605 (3/3) SN74LS221NS
3/7 CLAMP PULSE
IC619 TL431CDR2
IC604 L79M05T
GND IN OUT
MB-441
CP-218. 412-9
CP-218. 412-10
CP-218. 412-11
CP-218. 412-12
CP-218. 412-13
CP-218. 412-14
SB007T03Q PIN LAYOUT
2SA1611 2SC4177 PIN LAYOUT

VPR-1 (4/7)



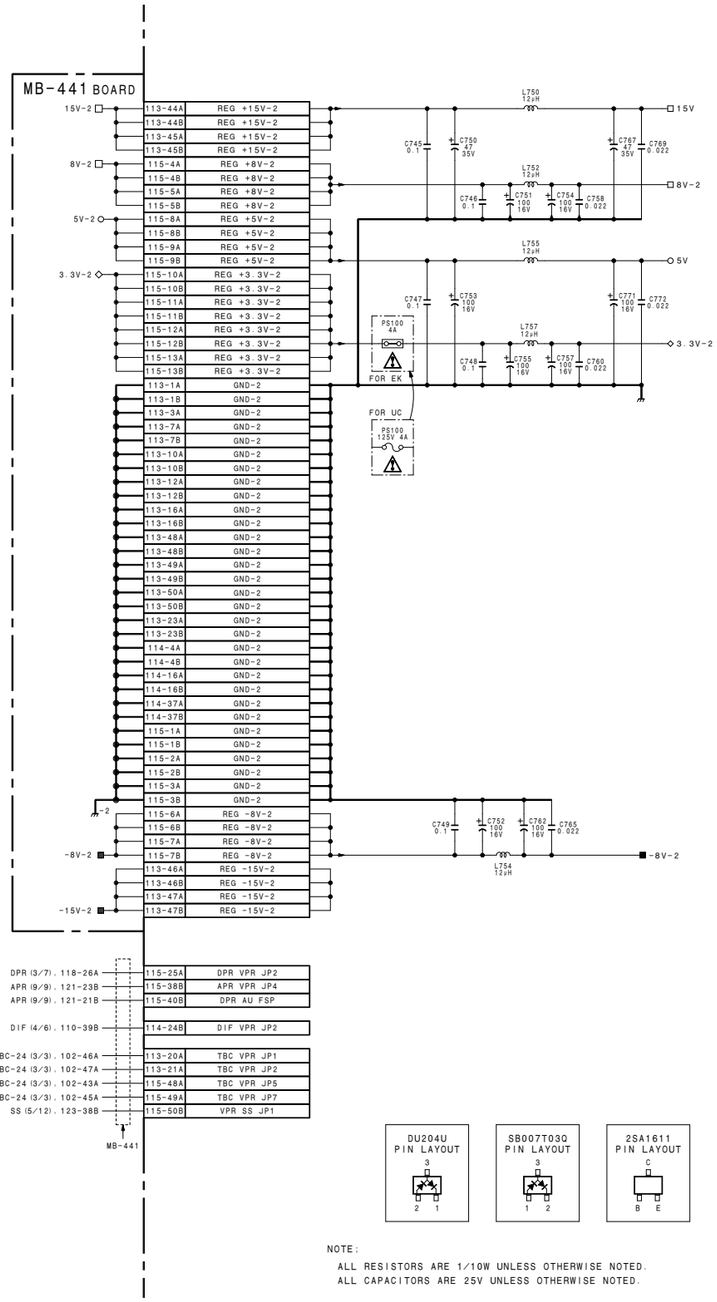
LOT NO.	BOARD NO.
503-704	1-648-532-15
705-802	1-648-532-16
803-908	1-648-532-17

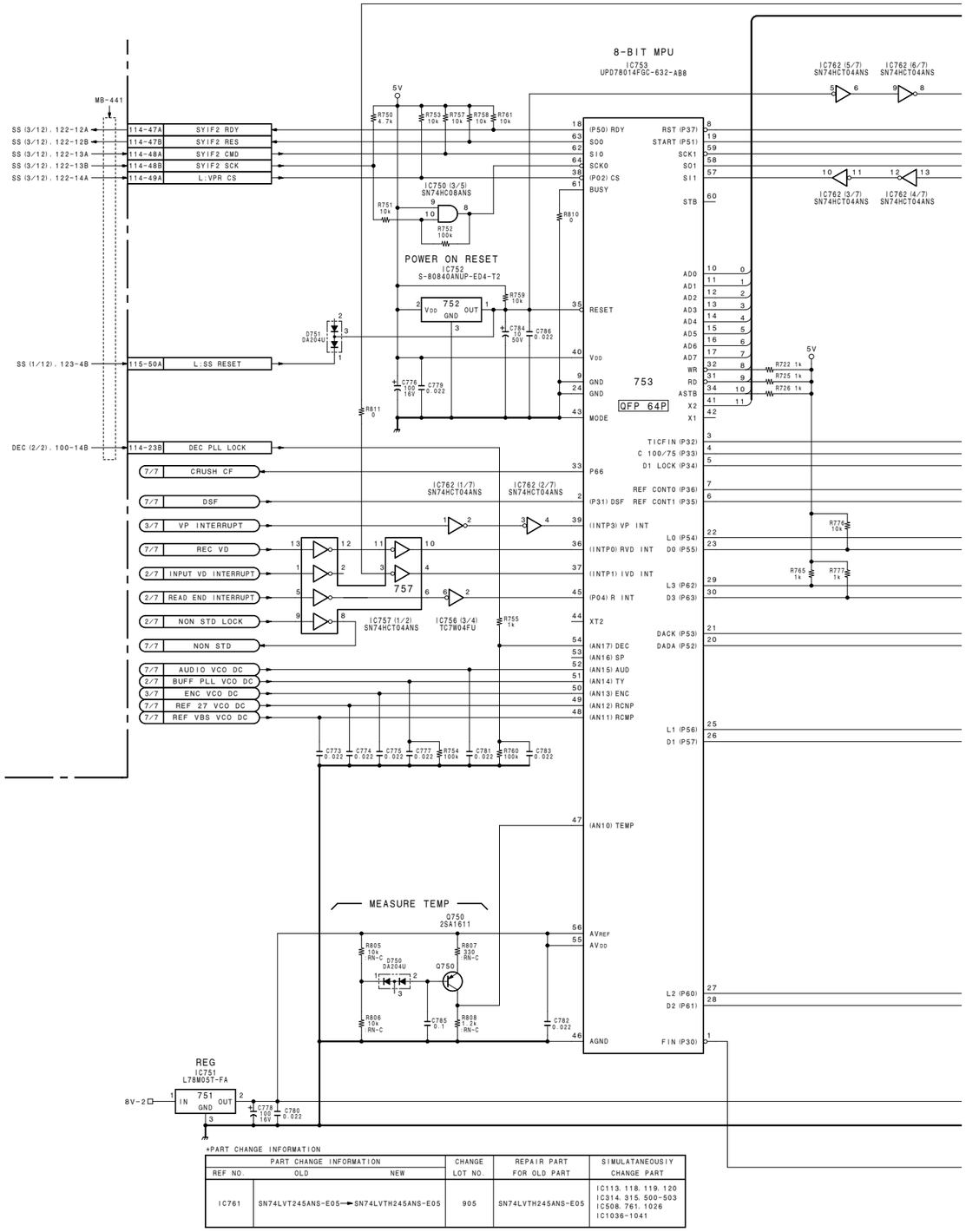
Output Video Signal D/A Converter

VPR-1 BOARD (4/7)

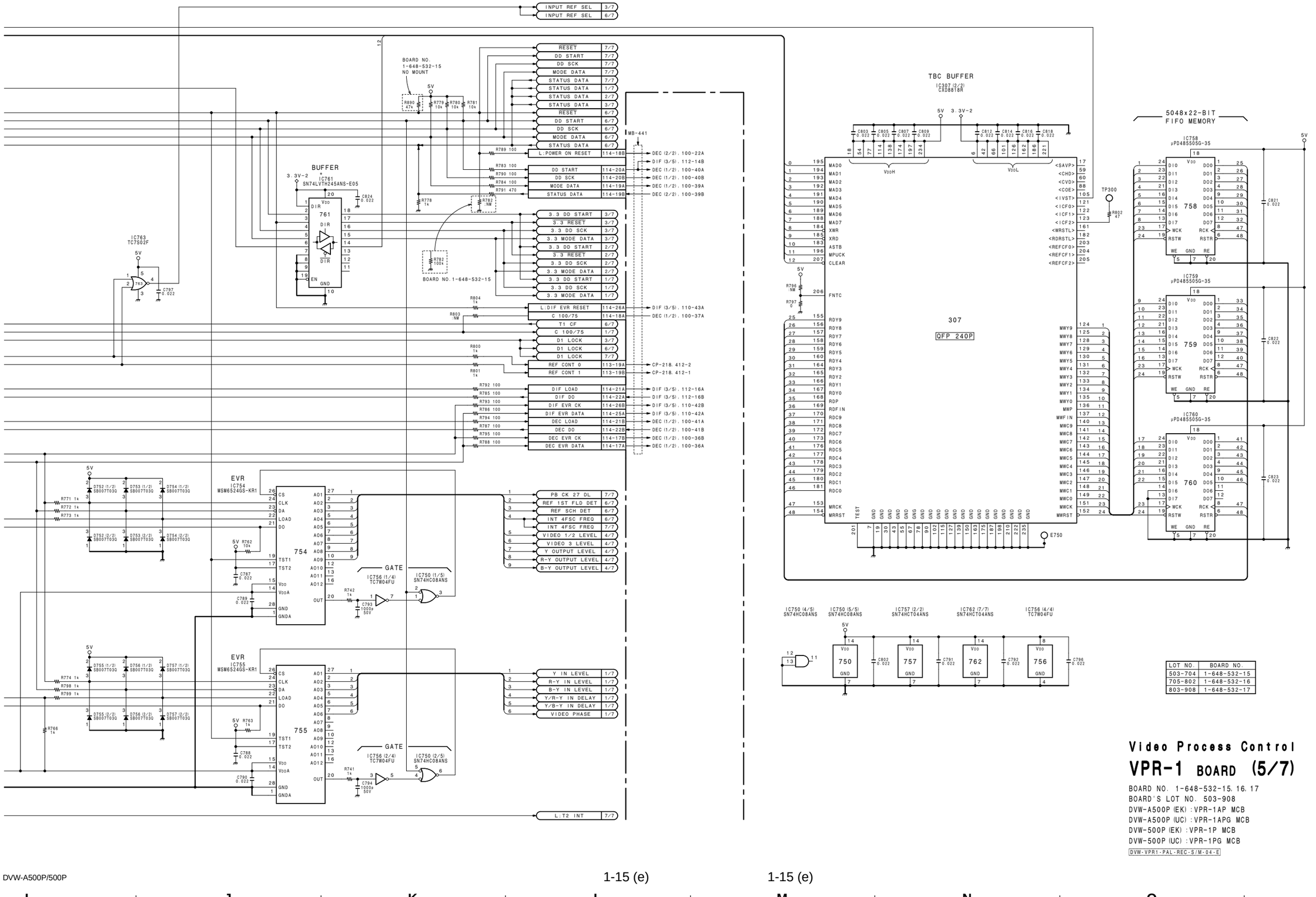
BOARD NO. 1-648-532-15, 16, 17
BOARD'S LOT NO. 503-908
DVW-A500P (EK) : VPR-1AP MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500P (EK) : VPR-1P MCB
DVW-500P (UC) : VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-E

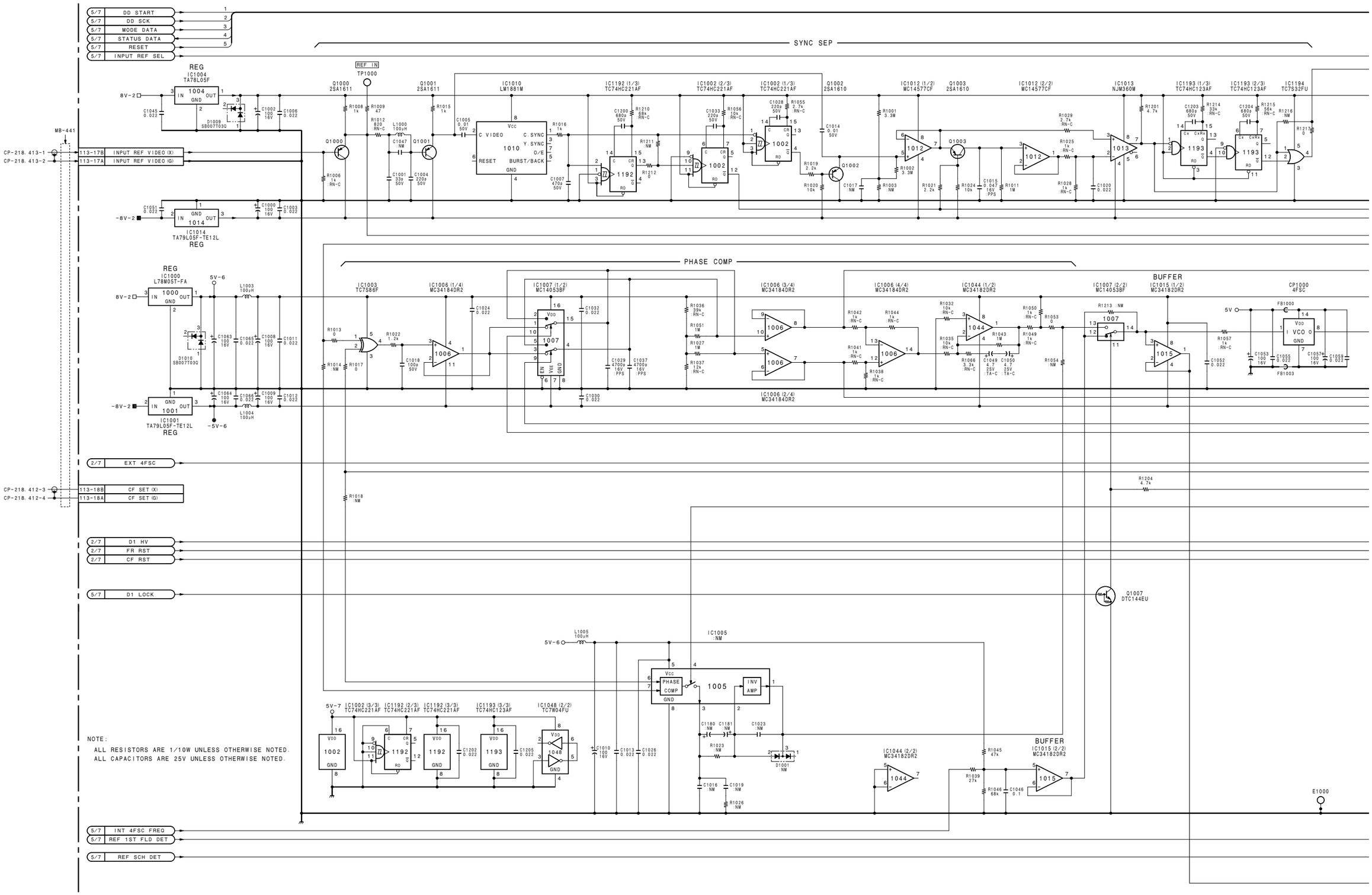

MB-441 BOARD
15V-2
8V-2
5V-2
3.3V-2
-8V-2
-15V-2
113-44A REG +15V-2
113-44B REG +15V-2
113-45A REG +15V-2
113-45B REG +15V-2
115-4A REG +8V-2
115-4B REG +8V-2
115-5A REG +8V-2
115-5B REG +8V-2
115-8A REG +5V-2
115-8B REG +5V-2
115-9A REG +5V-2
115-9B REG +5V-2
115-10A REG +3.3V-2
115-10B REG +3.3V-2
115-11A REG +3.3V-2
115-11B REG +3.3V-2
115-12A REG +3.3V-2
115-12B REG +3.3V-2
115-13A REG +3.3V-2
115-13B REG +3.3V-2
113-1A GND-2
113-1B GND-2
113-3A GND-2
113-7A GND-2
113-7B GND-2
113-10A GND-2
113-10B GND-2
113-12A GND-2
113-12B GND-2
113-16A GND-2
113-16B GND-2
113-48A GND-2
113-48B GND-2
113-49A GND-2
113-49B GND-2
113-50A GND-2
113-50B GND-2
113-23A GND-2
113-23B GND-2
114-4A GND-2
114-4B GND-2
114-16A GND-2
114-16B GND-2
114-37A GND-2
114-37B GND-2
115-1A GND-2
115-1B GND-2
115-2A GND-2
115-2B GND-2
115-3A GND-2
115-3B GND-2
115-6A REG -8V-2
115-6B REG -8V-2
115-7A REG -8V-2
115-7B REG -8V-2
113-46A REG -15V-2
113-46B REG -15V-2
113-47A REG -15V-2
113-47B REG -15V-2
L750 12μH
L752 12μH
L755 12μH
L757 12μH
L754 12μH
C745 0.1
C746 0.1
C747 0.1
C748 0.1
C749 0.1
C750 47 35V
C751 100 16V
C752 100 16V
C753 100 16V
C754 100 16V
C755 100 16V
C757 47 35V
C758 0.022
C760 0.022
C762 100 16V
C765 0.022
C767 47 35V
C769 0.022
C771 100 16V
C772 0.022
PS100 4A
FOR EK
PS100 125V 4A
FOR UC
DPR (3/7), 118-26A
APR (9/9), 121-23B
APR (9/9), 121-21B
DIF (4/6), 110-39B
TBC-24 (3/3), 102-46A
TBC-24 (3/3), 102-47A
TBC-24 (3/3), 102-43A
TBC-24 (3/3), 102-45A
SS (5/12), 123-38B
DVW-A500P only
115-25A DPR VPR JP2
115-38B APR VPR JP4
115-40B DPR AU FSP
114-24B DIF VPR JP2
113-20A TBC VPR JP1
113-21A TBC VPR JP2
115-48A TBC VPR JP5
115-49A TBC VPR JP7
115-50B VPR SS JP1
MB-441
DU204U PIN LAYOUT
SB007T03Q PIN LAYOUT
2SA1611 PIN LAYOUT
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.


8-BIT MPU
IC753
UPD78014FGC-632-AB8
MB-441
SS (3/12), 122-12A
SS (3/12), 122-12B
SS (3/12), 122-13A
SS (3/12), 122-13B
SS (3/12), 122-14A
114-47A SYIF2 RDY
114-47B SYIF2 RES
114-48A SYIF2 CMD
114-48B SYIF2 SCK
114-49A L.VPR CS
SS (1/12), 123-4B
115-50A L.SS RESET
DEC (2/2), 100-14B
114-23B DEC PLL LOCK
7/7 CRUSH CF
7/7 DSF
3/7 VP INTERRUPT
7/7 REC VD
2/7 INPUT VD INTERRUPT
2/7 READ END INTERRUPT
2/7 NON STD LOCK
7/7 NON STD
7/7 AUDIO VCO DC
2/7 BUFF PLL VCO DC
3/7 ENC VCO DC
7/7 REF 27 VCO DC
7/7 REF VBS VCO DC
5V
R750 4.7k
R751 10k
R752 100k
R753 10k
R754 10k
R755 1k
R756 10k
R759 10k
R761 10k
R810 0
R811 0
IC750 (3/5) SN74HC08ANS
IC752 S-80840ANUP-ED4-T2
POWER ON RESET
752
VDD OUT GND
D751 DA204U
C751 DA204U
C752 DA204U
C756 (3/4) TC7W04FU
IC757 (1/2) SN74HC04ANS
757
IC762 (1/7) SN74HC04ANS
IC762 (2/7) SN74HC04ANS
IC762 (3/7) SN74HC04ANS
IC762 (4/7) SN74HC04ANS
IC762 (5/7) SN74HC04ANS
IC762 (6/7) SN74HC04ANS
753
QFP 64P
(P50) RDY
SO0
SI0
SCK0
(P02) CS
BUSY
STB
RESET
VDD
GND
GND
MODE
RST (P37)
START (P51)
SCK1
SO1
SI1
AD0
AD1
AD2
AD3
AD4
AD5
AD6
AD7
WR
RD
ASTB
X2
X1
R722 1k
R725 1k
R726 1k
TICFIN (P32)
C 100/75 (P33)
D1 LOCK (P34)
P66
REF CONT0 (P36)
REF CONT1 (P35)
(P31) DSF
(INTP3) VP INT
(INTP0) RVD INT
(INTP1) IVD INT
(P04) R INT
XT2
(AN17) DEC
(AN16) SP
(AN15) AUD
(AN14) TY
(AN13) ENC
(AN12) RCNP
(AN11) RCMP
(AN10) TEMP
R776 10k
R765 1k
R777 1k
LO (P54)
DO (P55)
L3 (P62)
D3 (P63)
DACK (P53)
DADA (P52)
L1 (P56)
D1 (P57)
L2 (P60)
D2 (P61)
FIN (P30)
C773 0.022
C774 0.022
C775 0.022
C777 0.022
R754 100k
C781 0.022
R760 100k
C783 0.022
MEASURE TEMP
Q750 2SA1611
AVREF
AVDD
AGND
R805 10k RN-C
R806 10k RN-C
R807 330 RN-C
R808 1.2k RN-C
C785 0.1
C782 0.022
REG
IC751 L78M05T-FA
751
IN OUT GND
8V-2
C778 100 16V
C780 0.022
*PART CHANGE INFORMATION
PART CHANGE INFORMATION
REF NO. OLD NEW
IC761 SN74LVT245ANS-E05 → SN74LVTH245ANS-E05
CHANGE LOT NO. 905
REPAIR PART FOR OLD PART SN74LVTH245ANS-E05
SIMULATANEOUSLY CHANGE PART
IC113, 118, 119, 120
IC314, 315, 500-503
IC508, 761, 1026
IC1036-1041

VPR-1 (5/7)

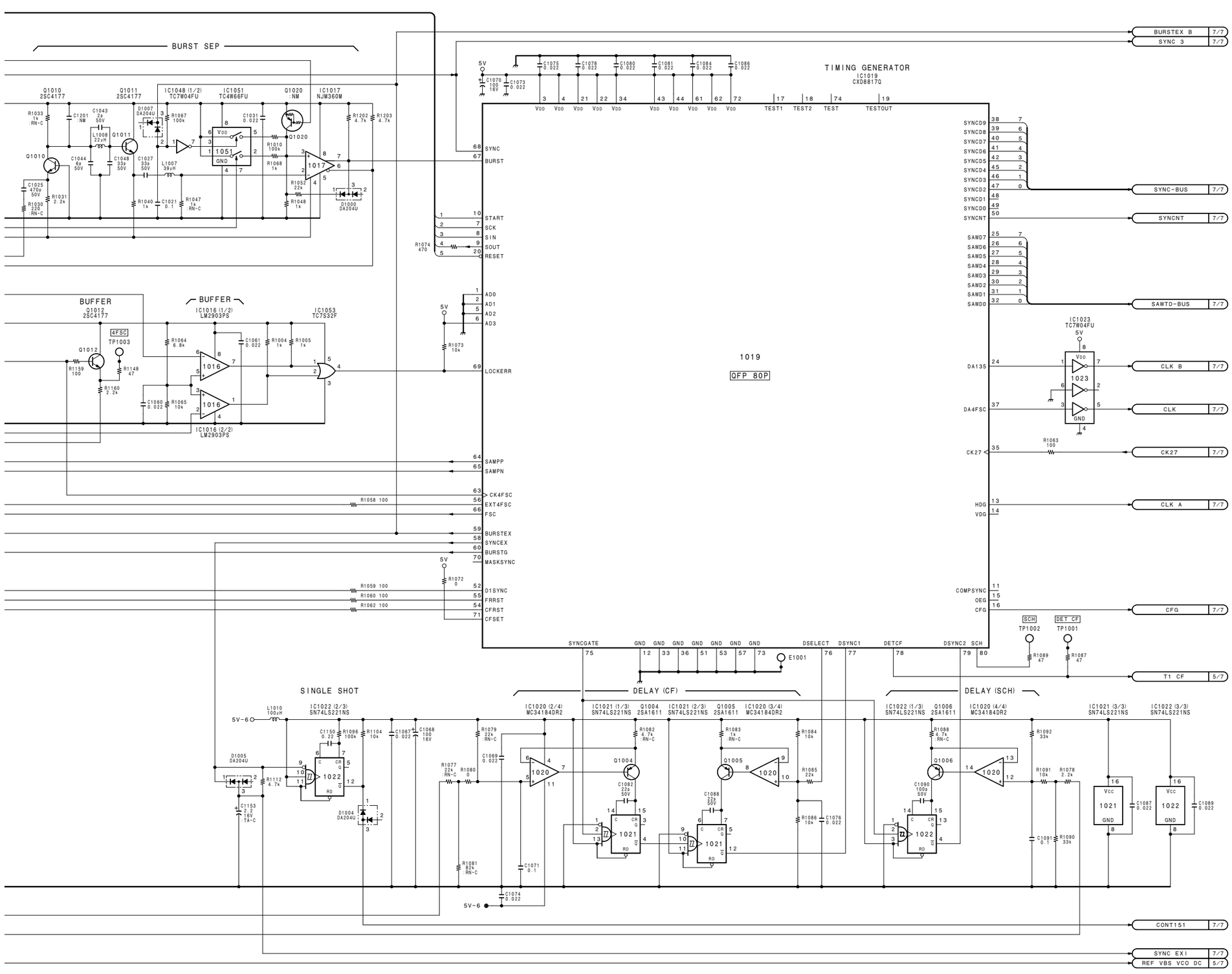

INPUT REF SEL 3/7
INPUT REF SEL 6/7
BOARD NO. 1-648-532-15 NO MOUNT
R890 47k
5V
R779 10k
R780 10k
R781 10k
RESET 7/7
DD START 7/7
DD SCK 7/7
MODE DATA 7/7
STATUS DATA 7/7
STATUS DATA 1/7
STATUS DATA 2/7
STATUS DATA 3/7
RESET 6/7
DD START 6/7
DD SCK 6/7
MODE DATA 6/7
STATUS DATA 6/7
MB-441
R789 100
L:POWER ON RESET 114-18B
DEC (2/2), 100-22A
DIF (3/5), 112-14B
DEC (1/2), 100-40A
DEC (1/2), 100-40B
DEC (1/2), 100-39A
DEC (2/2), 100-39B
BUFFER
3.3V-2
IC761 SN74LVTH245ANS-E05
761
C824 0.022
R783 100
R790 100
R784 100
R791 470
DD START 114-20A
DD SCK 114-20B
MODE DATA 114-19A
STATUS DATA 114-19B
R778 1k
R782 NW
R782 100k
BOARD NO.1-648-532-15
3.3 DD START 3/7
3.3 RESET 3/7
3.3 DD SCK 3/7
3.3 MODE DATA 3/7
3.3 DD START 2/7
3.3 RESET 2/7
3.3 DD SCK 2/7
3.3 MODE DATA 2/7
3.3 DD START 1/7
3.3 DD SCK 1/7
3.3 MODE DATA 1/7
IC763 TC7S02F
C787 0.022
R804 1k
R803 NW
L:DIF EVR RESET 114-26A
C 100/75 114-18A
DIF (3/5), 110-43A
DEC (1/2), 100-37A
T1 CF 6/7
C 100/75 1/7
D1 LOCK 3/7
D1 LOCK 6/7
D1 LOCK 7/7
R800 1k
R801 1k
REF CONT 0 113-19A
REF CONT 1 113-19B
CP-218, 412-2
CP-218, 412-1
R792 100
R785 100
R793 100
R786 100
R794 100
R787 100
R795 100
R788 100
DIF LOAD 114-21A
DIF DO 114-22A
DIF EVR CK 114-26B
DIF EVR DATA 114-25A
DEC LOAD 114-21B
DEC DO 114-22B
DEC EVR CK 114-17B
DEC EVR DATA 114-17A
DIF (3/5), 112-16A
DIF (3/5), 112-16B
DIF (3/5), 110-42B
DIF (3/5), 110-42A
DEC (1/2), 100-41A
DEC (1/2), 100-41B
DEC (1/2), 100-36B
DEC (1/2), 100-36A
EVR IC754 MSM6524GS-KR1
754
R771 1k
R772 1k
R773 1k
D752 (1/2) SB007T03Q
D753 (1/2) SB007T03Q
D754 (1/2) SB007T03Q
D752 (2/2) SB007T03Q
D753 (2/2) SB007T03Q
D754 (2/2) SB007T03Q
5V R762 10k
C787 0.022
C789 0.022
GATE
IC756 (1/4) TC7W04FU
IC750 (1/5) SN74HC08ANS
R742 1k
C793 1000p 50V
PB CK 27 DL 7/7
REF 1ST FLD DET 6/7
REF SCH DET 6/7
INT 4FSC FREQ 6/7
INT 4FSC FREQ 7/7
VIDEO 1/2 LEVEL 4/7
VIDEO 3 LEVEL 4/7
Y OUTPUT LEVEL 4/7
R-Y OUTPUT LEVEL 4/7
B-Y OUTPUT LEVEL 4/7
EVR IC755 MSM6524GS-KR1
755
R774 1k
R798 1k
R799 1k
D755 (1/2) SB007T03Q
D756 (1/2) SB007T03Q
D757 (1/2) SB007T03Q
D755 (2/2) SB007T03Q
D756 (2/2) SB007T03Q
D757 (2/2) SB007T03Q
R766 1k
5V R763 1k
C788 0.022
C790 0.022
GATE
IC756 (2/4) TC7W04FU
IC750 (2/5) SN74HC08ANS
R741 1k
C794 1000p 50V
Y IN LEVEL 1/7
R-Y IN LEVEL 1/7
B-Y IN LEVEL 1/7
Y/R-Y IN DELAY 1/7
Y/B-Y IN DELAY 1/7
VIDEO PHASE 1/7
L:T2 INT 7/7
TBC BUFFER
IC307 (2/2) CXD8818R
5V 3.3V-2
C803 0.022
C805 0.022
C807 0.022
C809 0.022
C812 0.022
C814 0.022
C816 0.022
C818 0.022
VDDH
VDDL
MAD0
MAD1
MAD2
MAD3
MAD4
MAD5
MAD6
MAD7
XWR
XRD
ASTB
MPUCK
CLEAR
FNTC
R794 NW
R797 0
RDY9
RDY8
RDY7
RDY6
RDY5
RDY4
RDY3
RDY2
RDY1
RDY0
RDP
RDFIN
RDC9
RDC8
RDC7
RDC6
RDC5
RDC4
RDC3
RDC2
RDC1
RDC0
MRCK
MRRST
TEST
GND
307
QFP 240P
<SAVP>
<CHD>
<CVD>
<COE>
<IVST>
<ICF0>
<ICF1>
<ICF2>
<WRSTL>
<RDRSTL>
<REFCF0>
<REFCF1>
<REFCF2>
TP300
R802 47
MWY9
MWY8
MWY7
MWY6
MWY5
MWY4
MWY3
MWY2
MWY1
MWY0
MWP
MWFIN
MWC9
MWC8
MWC7
MWC6
MWC5
MWC4
MWC3
MWC2
MWC1
MWC0
MWCK
MWRST
E750
5048x22-BIT FIFO MEMORY
IC758 µPD485505G-35
758
IC759 µPD485505G-35
759
IC760 µPD485505G-35
760
DI0 DI1 DI2 DI3 DI4 DI5 DI6 DI7
DO0 DO1 DO2 DO3 DO4 DO5 DO6 DO7
WCK RCK RSTW RSTR WE GND RE
VDD
C821 0.022
C822 0.022
C823 0.022
IC750 (4/5) SN74HC08ANS
IC750 (5/5) SN74HC08ANS
IC757 (2/2) SN74HCT04ANS
IC762 (7/7) SN74HCT04ANS
IC756 (4/4) TC7W04FU
750
757
762
756
GND
C802 0.022
C791 0.022
C793 0.022
C796 0.022
LOT NO. BOARD NO.
503-704 1-648-532-15
705-802 1-648-532-16
803-908 1-648-532-17
Video Process Control
VPR-1 BOARD (5/7)
BOARD NO. 1-648-532-15, 16, 17
BOARD'S LOT NO. 503-908
DVW-A500P (EK) : VPR-1AP MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500P (EK) : VPR-1P MCB
DVW-500P (UC) : VPR-1PG MCB
DVW-VPR1-PAL-REC-S/M-04-E

VPR-1 (6/7)



NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

VPR-1 (6/7)



DA204U
PIN LAYOUT

SB007T03Q
PIN LAYOUT

2SA1610
2SA1611
2SC4177
DTC144EU
PIN LAYOUT

LOT NO.	BOARD NO.
503-704	1-648-532-15
705-802	1-648-532-16
803-908	1-648-532-17

Time Ref Signal (1)

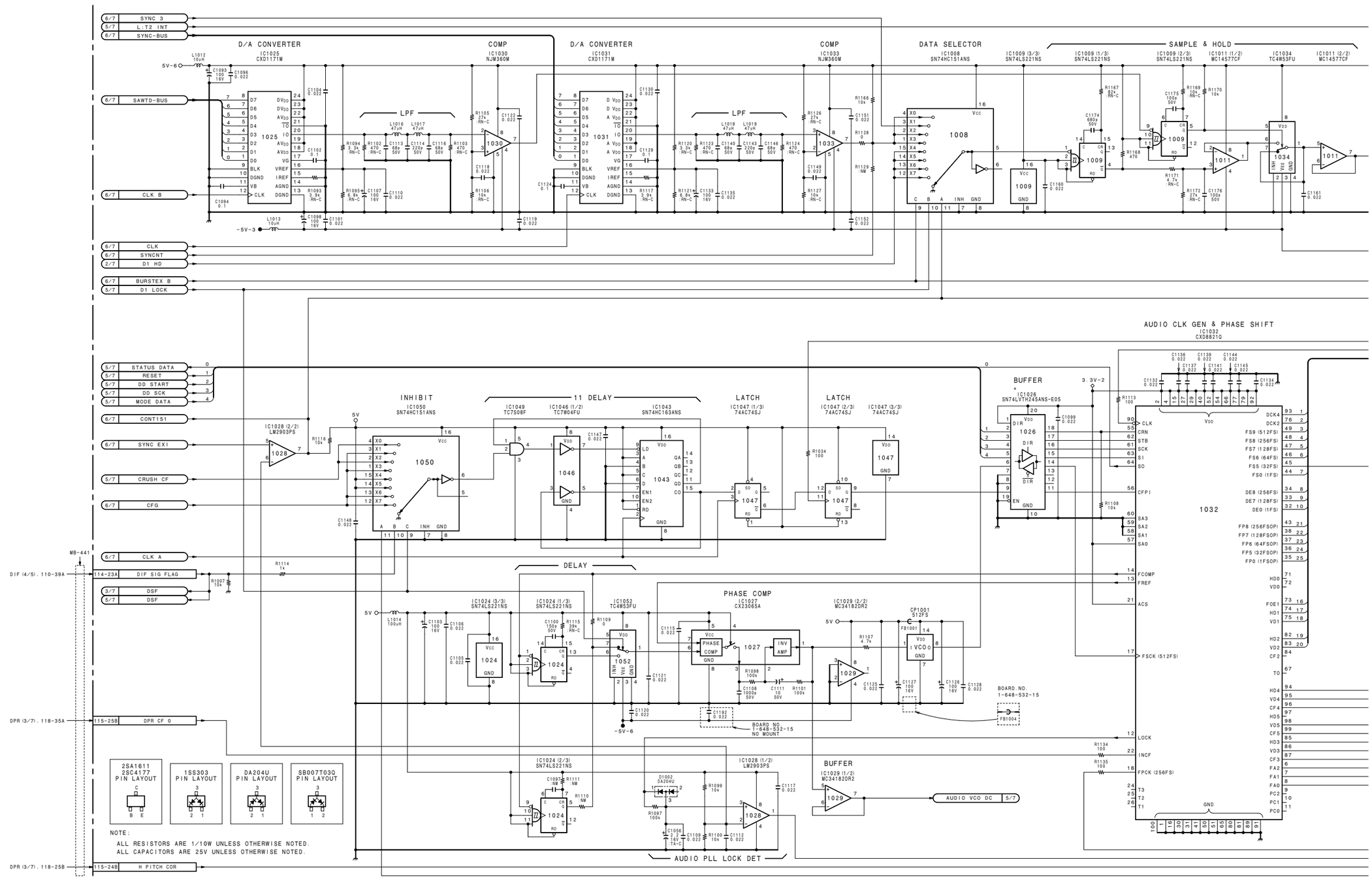
VPR-1 BOARD (6/7)

BOARD NO. 1-648-532-15, 16, 17
BOARD'S LOT NO. 503-908
DVW-A500P (EK) : VPR-1AP MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500P (EK) : VPR-1P MCB
DVW-500P (UC) : VPR-1PG MCB

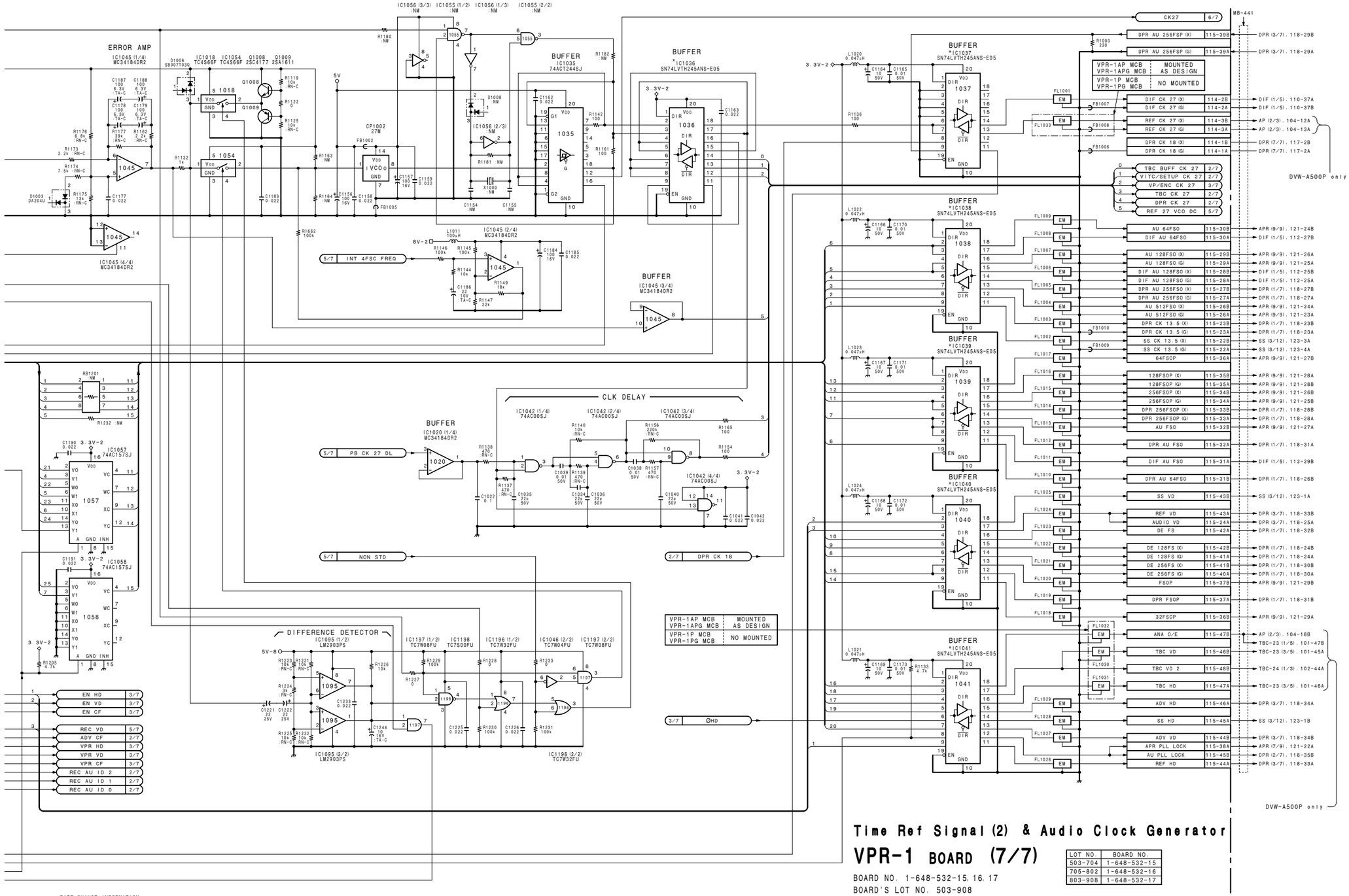
DVW-VPR1-PAL-REC-S/M-04-E

1-17 (e)

VPR-1 (7/7)


D/A CONVERTER
IC1025
CXD1171M
COMP
IC1030
NJM360M
D/A CONVERTER
IC1031
CXD1171M
COMP
IC1033
NJM360M
DATA SELECTOR
IC1008
SN74HC151ANS
IC1009 (3/3)
SN74LS221NS
IC1009 (1/3)
SN74LS221NS
IC1009 (2/3)
SN74LS221NS
SAMPLE & HOLD
IC1011 (1/2)
MC14577CF
IC1034
TC4W53FU
IC1011 (2/2)
MC14577CF
LPF
LPF
6/7 SYNC 3
5/7 L.T2 INT
6/7 SYNC-BUS
6/7 SAWTD-BUS
6/7 CLK B
6/7 CLK
6/7 SYNCNT
2/7 D1 HD
6/7 BURSTEX B
5/7 D1 LOCK
5V-6
-5V-3
AUDIO CLK GEN & PHASE SHIFT
IC1032
CXD8821Q
BUFFER
IC1026
SN74LVTH245ANS-E05
3.3V-2
5/7 STATUS DATA
5/7 RESET
5/7 DD START
5/7 DD SCK
5/7 MODE DATA
6/7 CONT151
6/7 SYNC EXI
5/7 CRUSH CF
6/7 CFG
6/7 CLK A
3/7 DSF
5/7 DSF
DIF (4/5) . 110-39A
DPR (3/7) . 118-35A
DPR (3/7) . 118-25B
MB-441
114-23A DIF SIG FLAG
115-25B DPR CF 0
115-24B H PITCH COR
IC1028 (2/2)
LM2903PS
INHIBIT
IC1050
SN74HC151ANS
11 DELAY
IC1049
TC7S08F
IC1046 (1/2)
TC7W04FU
IC1043
SN74HC163ANS
LATCH
IC1047 (1/3)
74AC74SJ
LATCH
IC1047 (2/3)
74AC74SJ
IC1047 (3/3)
74AC74SJ
DELAY
PHASE COMP
IC1027
CX23065A
IC1024 (3/3)
SN74LS221NS
IC1024 (1/3)
SN74LS221NS
IC1052
TC4W53FU
IC1029 (2/2)
MC34182DR2
CP1001
512FS
IC1024 (2/3)
SN74LS221NS
IC1028 (1/2)
LM2903PS
BUFFER
IC1029 (1/2)
MC34182DR2
AUDIO VCO DC 5/7
BOARD NO.
1-648-532-15
BOARD NO.
1-648-532-15
NO MOUNT
AUDIO PLL LOCK DET
2SA1611
2SC4177
PIN LAYOUT
1SS303
PIN LAYOUT
DA204U
PIN LAYOUT
SB007T03Q
PIN LAYOUT
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

VPR-1 (7/7)



*PART CHANGE INFORMATION

PART CHANGE INFORMATION		CHANGE	REPAIR PART	SIMULATANEOUSIY
REF NO.	OLD NEW	LOT NO.	FOR OLD PART	CHANGE PART
IC1026	SN74LVT245ANS-E05→SN74LVTH245ANS-E05	905	SN74LVTH245ANS-E05	IC113. 118. 119. 120 IC314. 315. 500-503 IC508. 761. 1026 IC1036-1041
IC1036				
IC1037				
IC1038				
IC1039				
IC1040				
IC1041				

Time Ref Signal (2) & Audio Clock Generator

VPR-1 BOARD (7/7)

LOT NO.	BOARD NO.
503-704	1-648-532-15
705-802	1-648-532-16
803-908	1-648-532-17

BOARD NO. 1-648-532-15. 16. 17
BOARD'S LOT NO. 503-908
DVW-A500P (EK) : VPR-1AP MCB
DVW-A500P (UC) : VPR-1APG MCB
DVW-500P (EK) : VPR-1P MCB
DVW-500P (UC) : VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-E

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

SB007T03Q PIN LAYOUT
RD?.?MB PIN LAYOUT
2SA1610 2SA1611 2SC4177 PIN LAYOUT

IC107(4/4) MC34184M
IC108(4/4) MC34184M
IC126(4/4) MC34184M

The Ref.Nos.marked with *** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
VPR-1 BOARD: 1-648-532-14

MB-441
CP-218, 413-3 113-15B INPUT Y(X)
CP-218, 413-4 113-15A INPUT Y(G)
CP-218, 413-5 113-14B INPUT R-Y(X)
CP-218, 413-6 113-14A INPUT R-Y(G)
CP-218, 413-7 113-13B INPUT B-Y(X)
CP-218, 413-8 113-13A INPUT B-Y(G)
5/7 C 100/75

REG IC100 TA78L12F
REG IC101 NJM79L05UA
REG IC102 TA78L05F
REG IC103 NJM79L05UA
REG IC110 TA78L05F

Y IN TP101 — LPF — CLAMP — CLAMP Y TP104 — BPF — ERROR AMP
R-Y IN TP102 — LPF — CLAMP — CLAMP R-Y TP106 — BPF — ERROR AMP
B-Y IN TP103 — LPF — CLAMP — CLAMP B-Y TP105 — ERROR AMP
SYNC SEPARATOR — PHASE COMP

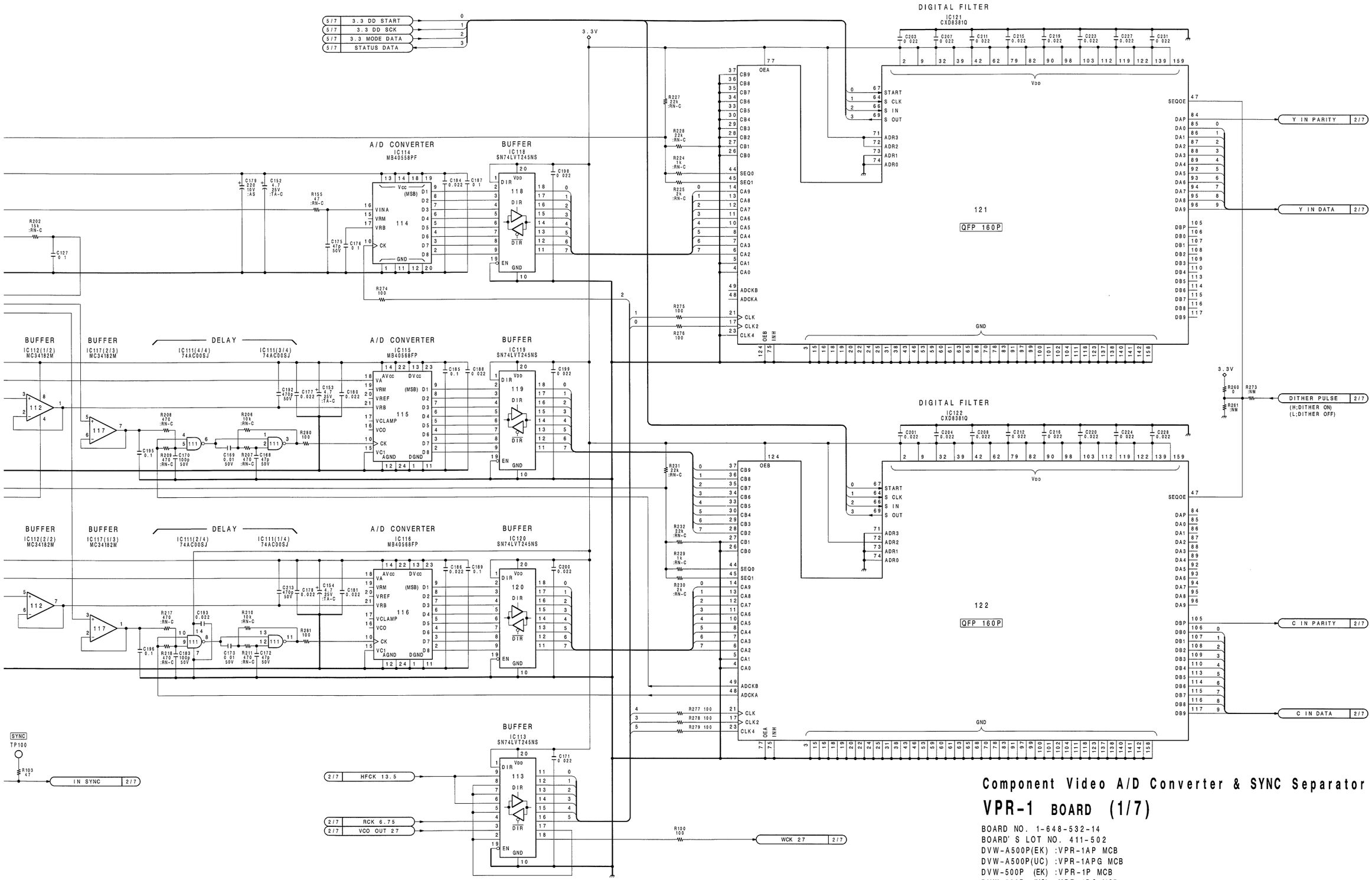
IC104 LM1881M
IC105(1/3) TC74HC221AF
IC105(2/3) TC74HC221AF
IC105(3/3) TC74HC221AF
IC106(1/2) MC14577CF
IC106(2/2) MC14577CF
IC107(1/4) MC34184M
IC107(2/4) MC34184M
IC107(3/4) MC34184M
IC108(1/4) MC34184M
IC108(2/4) MC34184M
IC108(3/4) MC34184M
IC109 NJM360M
IC123 NJM360M
IC124 TL431CM
IC125 TL431CM
IC126(1/4) MC34184M
IC126(2/4) MC34184M
IC126(3/4) MC34184M
IC127 TC4S66F
IC128 TC4S66F
IC129 TC4S66F
IC117(3/3) MC34182M

5/7 Y IN LEVEL
5/7 Y/R-Y IN DELAY
5/7 Y/B-Y IN DELAY
2/7 Y CLAMP ERROR
2/7 CLP P
2/7 R-Y CLAMP ERROR
5/7 R-Y IN LEVEL
5/7 B-Y IN LEVEL
2/7 B-Y CLAMP ERROR
5/7 VIDEO PHASE

1-6 (d) 1-6 (d)

DVW-A500P/500P

A B C D E F G H



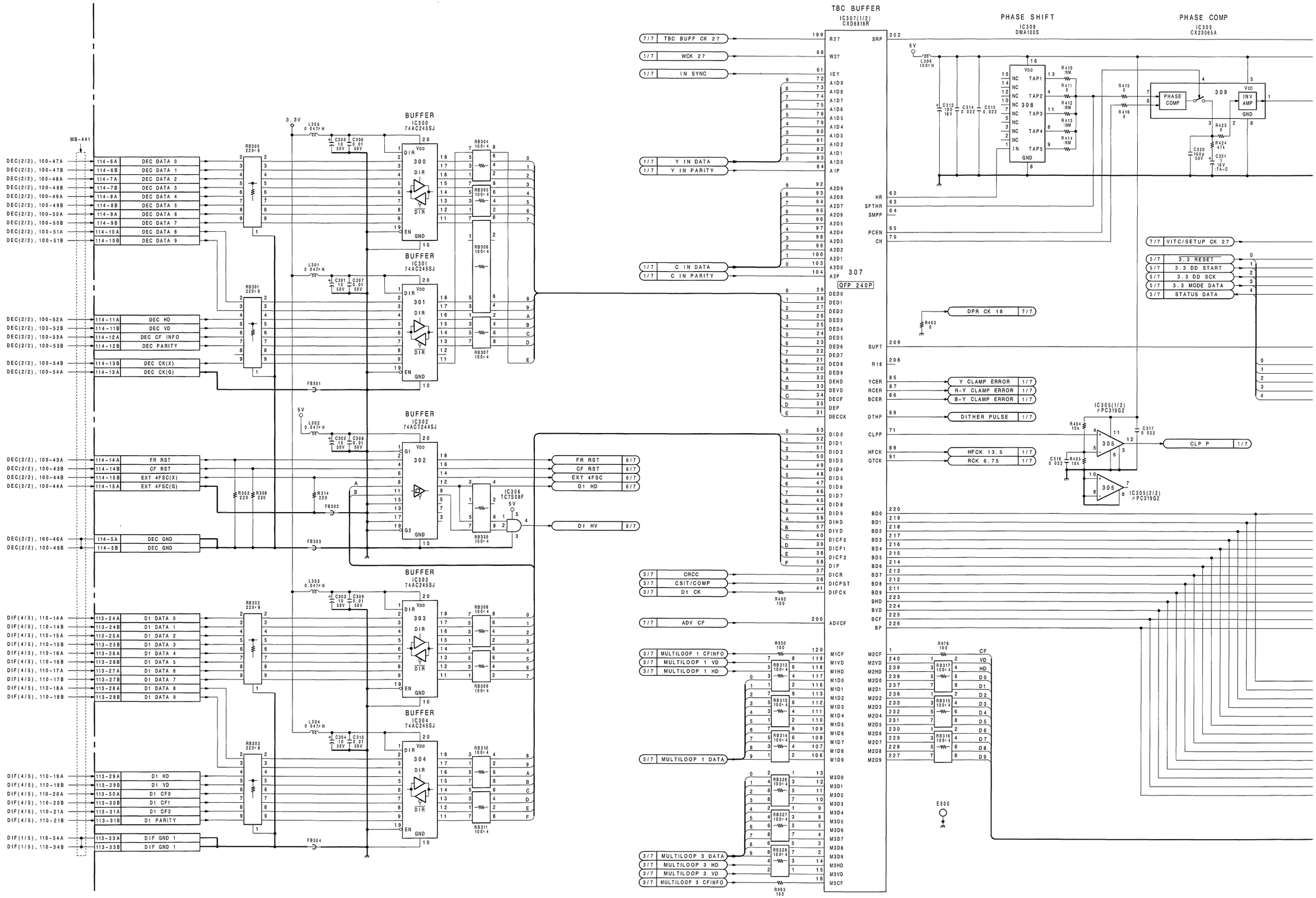
Component Video A/D Converter & SYNC Separator

VPR-1 BOARD (1/7)

BOARD NO. 1-648-532-14
BOARD' S LOT NO. 411-502
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-D

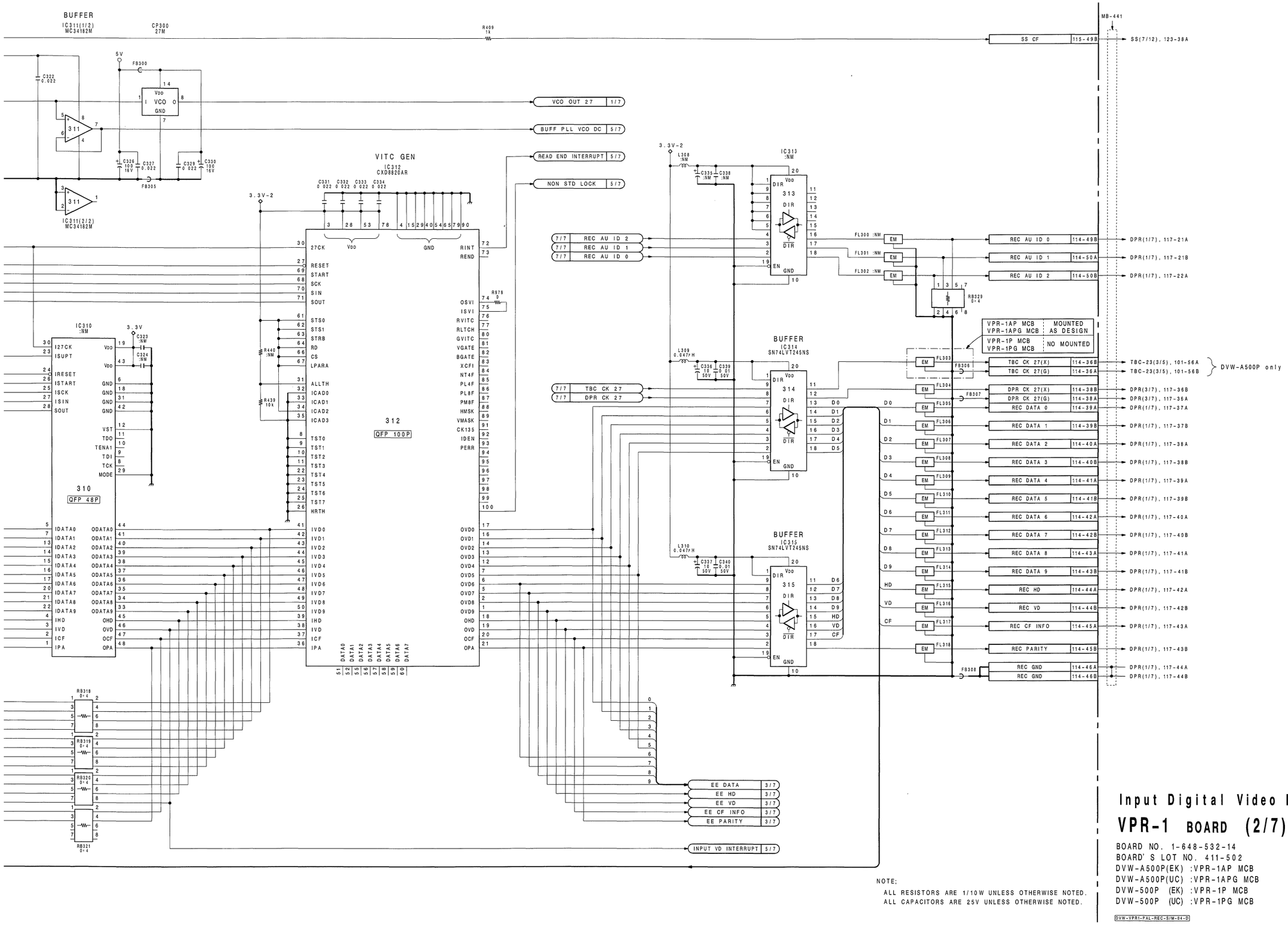
VPR-1 (2/7)



1-8 (d) 1-8 (d)

DVW-A500P/500P

VPR-1 (2/7)



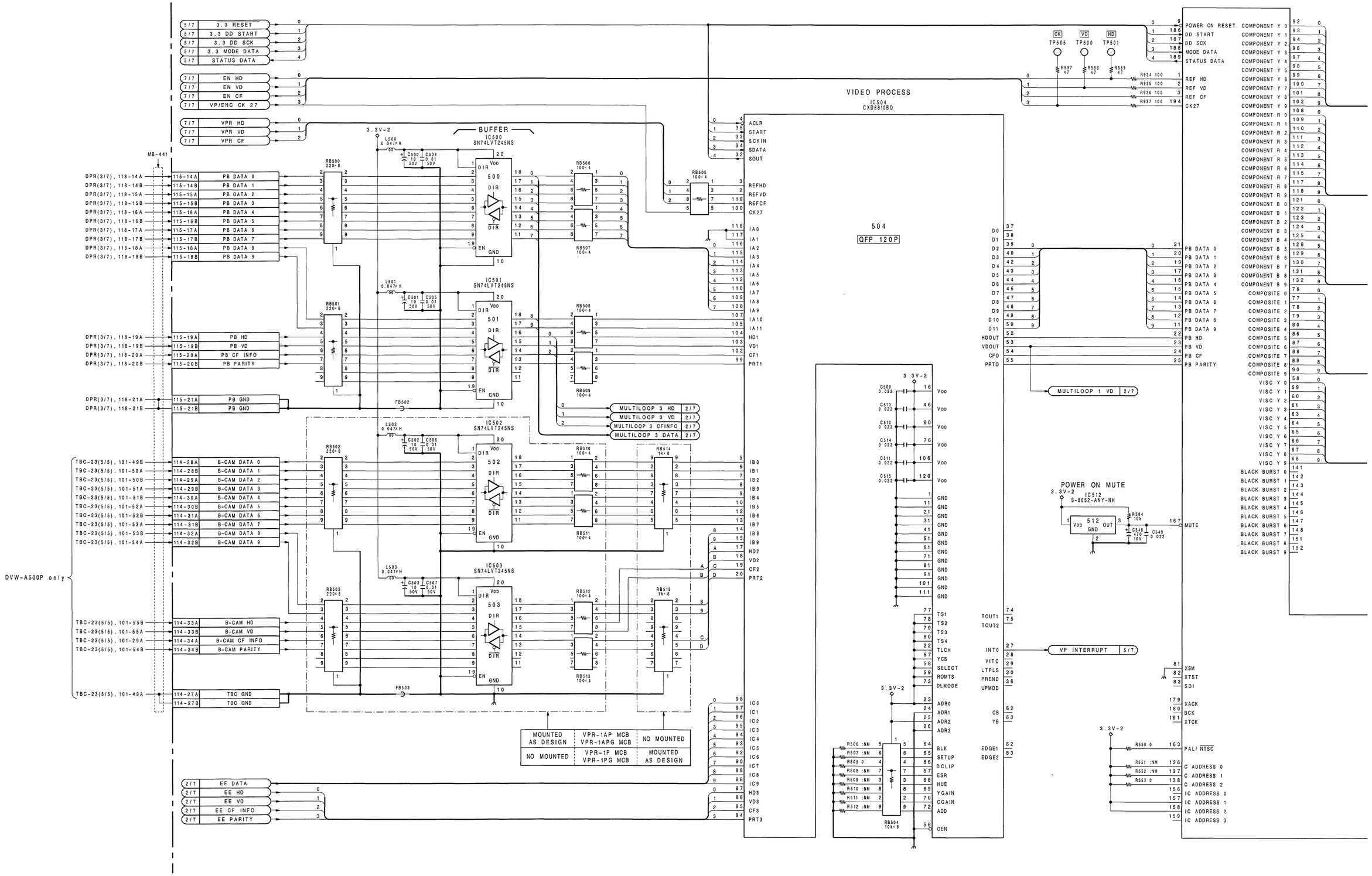
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

Input Digital Video Data Processor

VPR-1 BOARD (2/7)

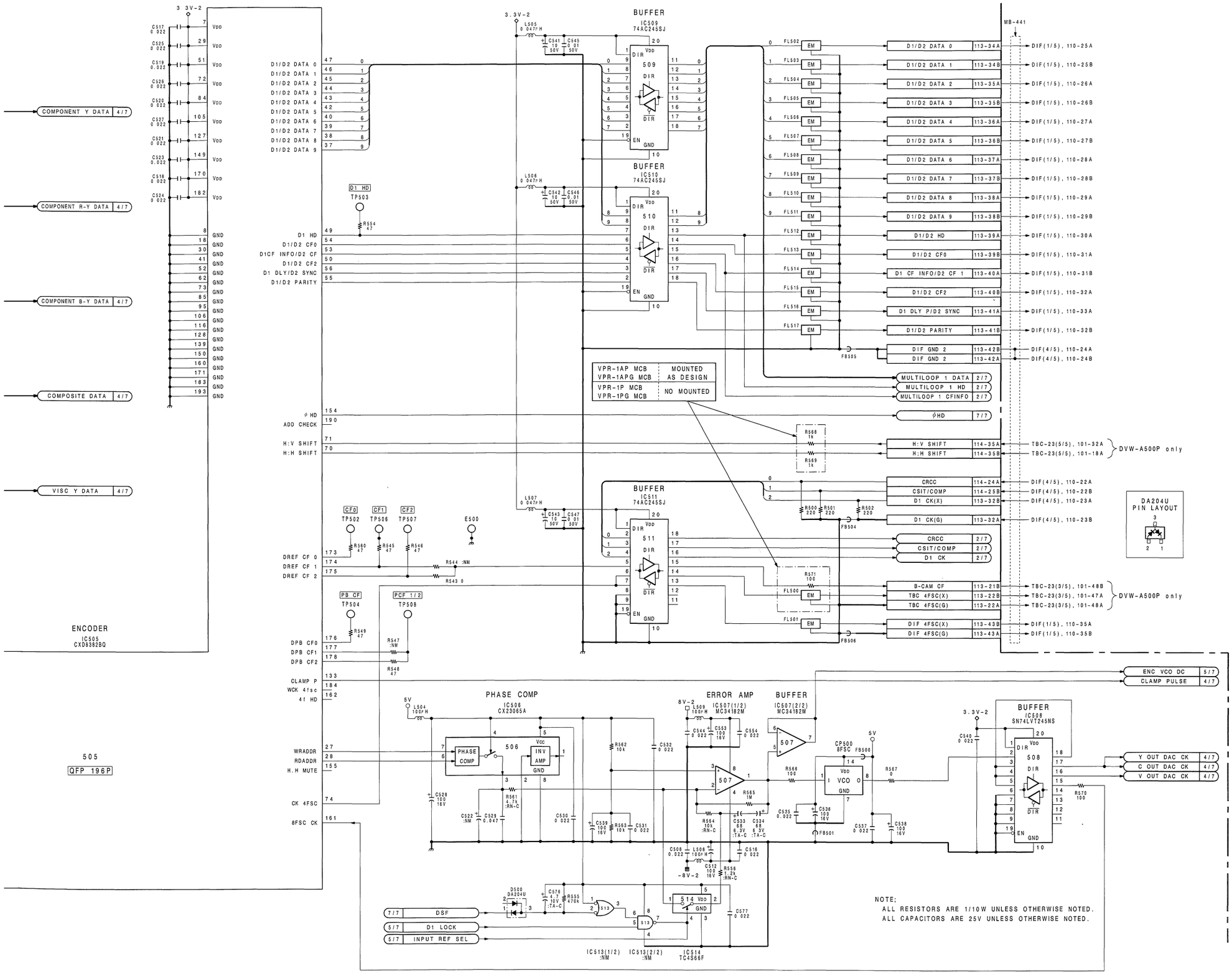
BOARD NO. 1-648-532-14
BOARD' S LOT NO. 411-502
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-84-D



1-10 (d) 1-10 (d)

DVW-A500P/500P

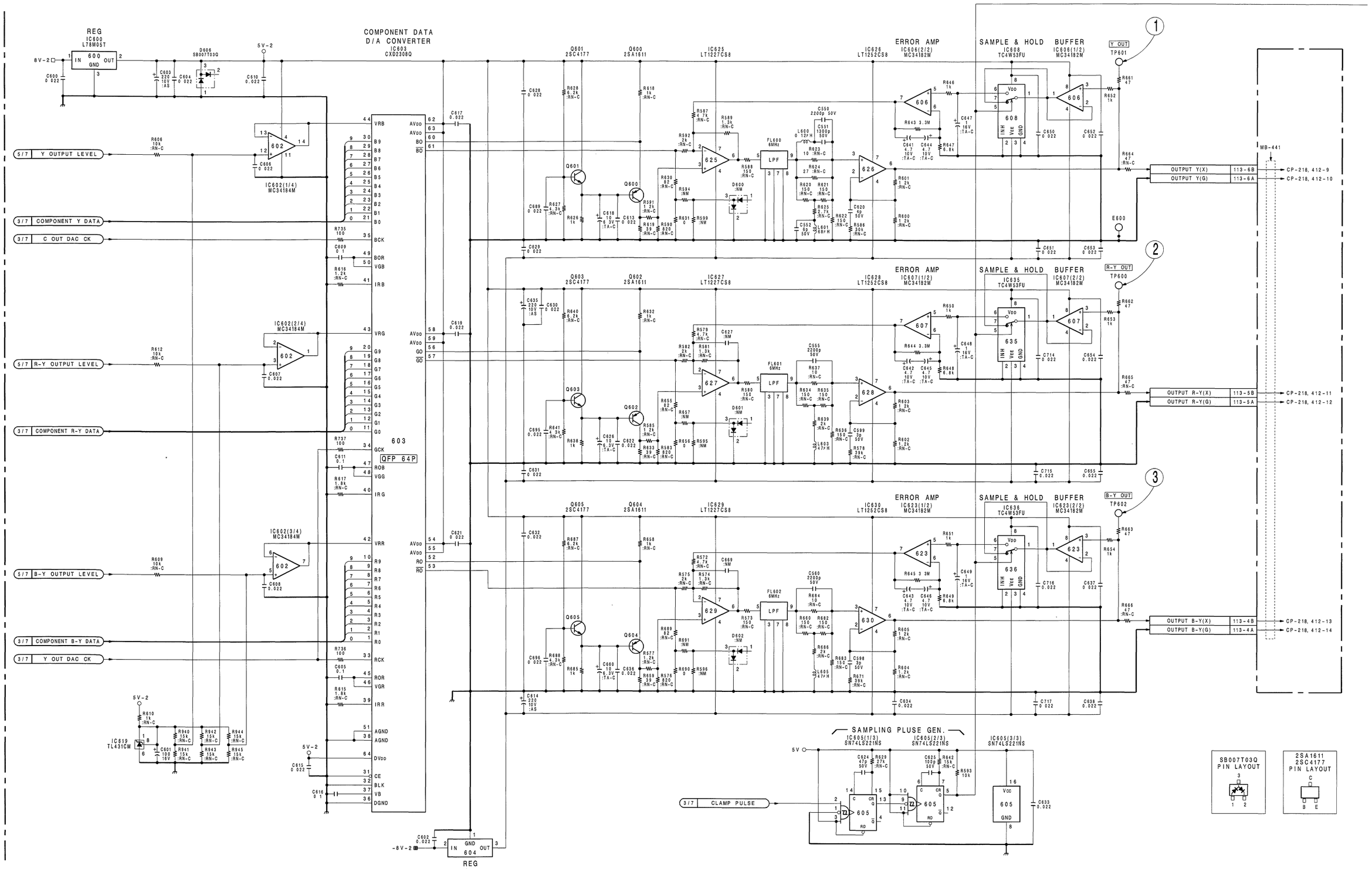


Digital Video Data Encoder

VPR-1 BOARD (3/7)

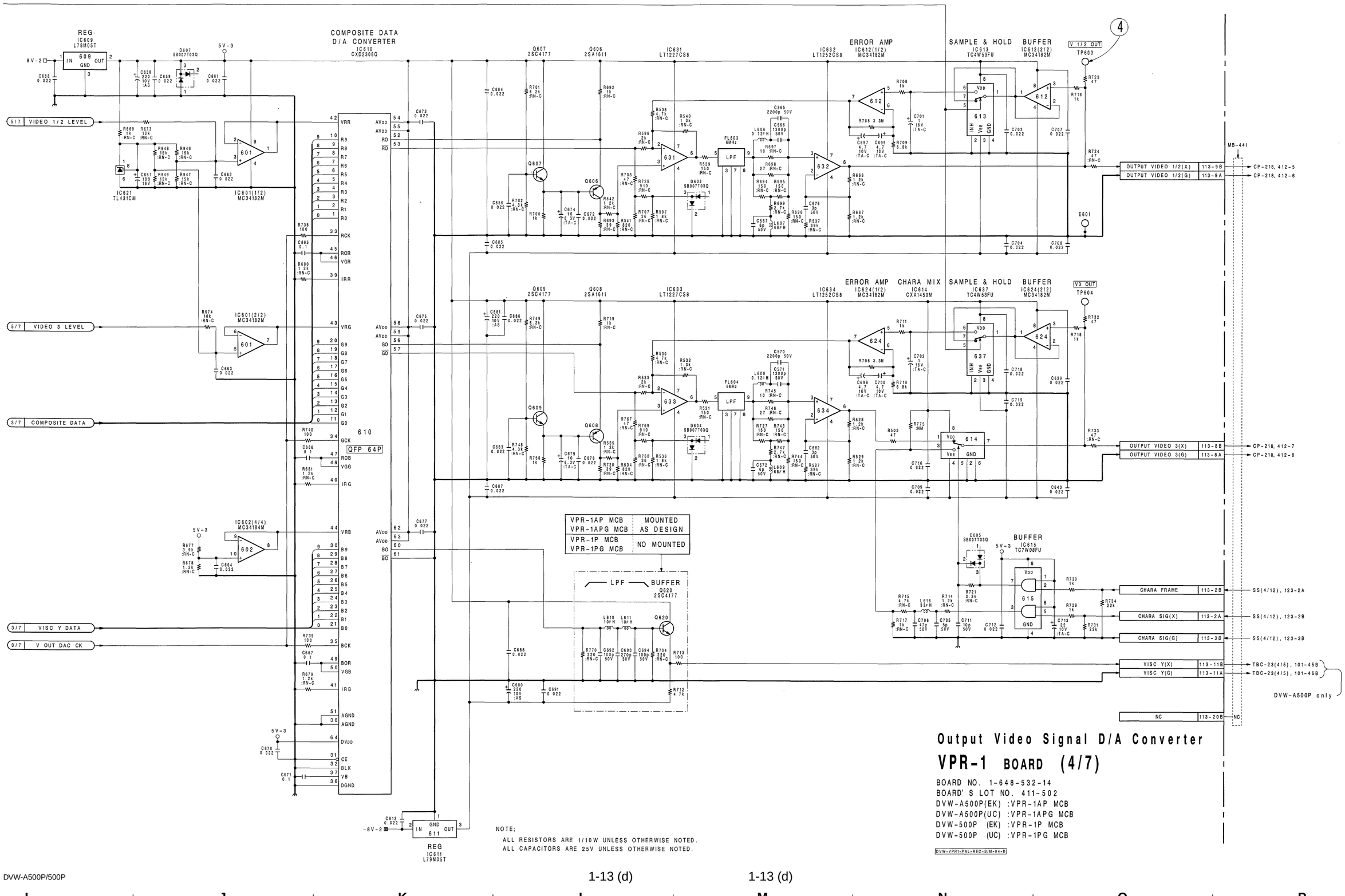
BOARD NO. 1-648-532-14
BOARD' S LOT NO. 411-502
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-D

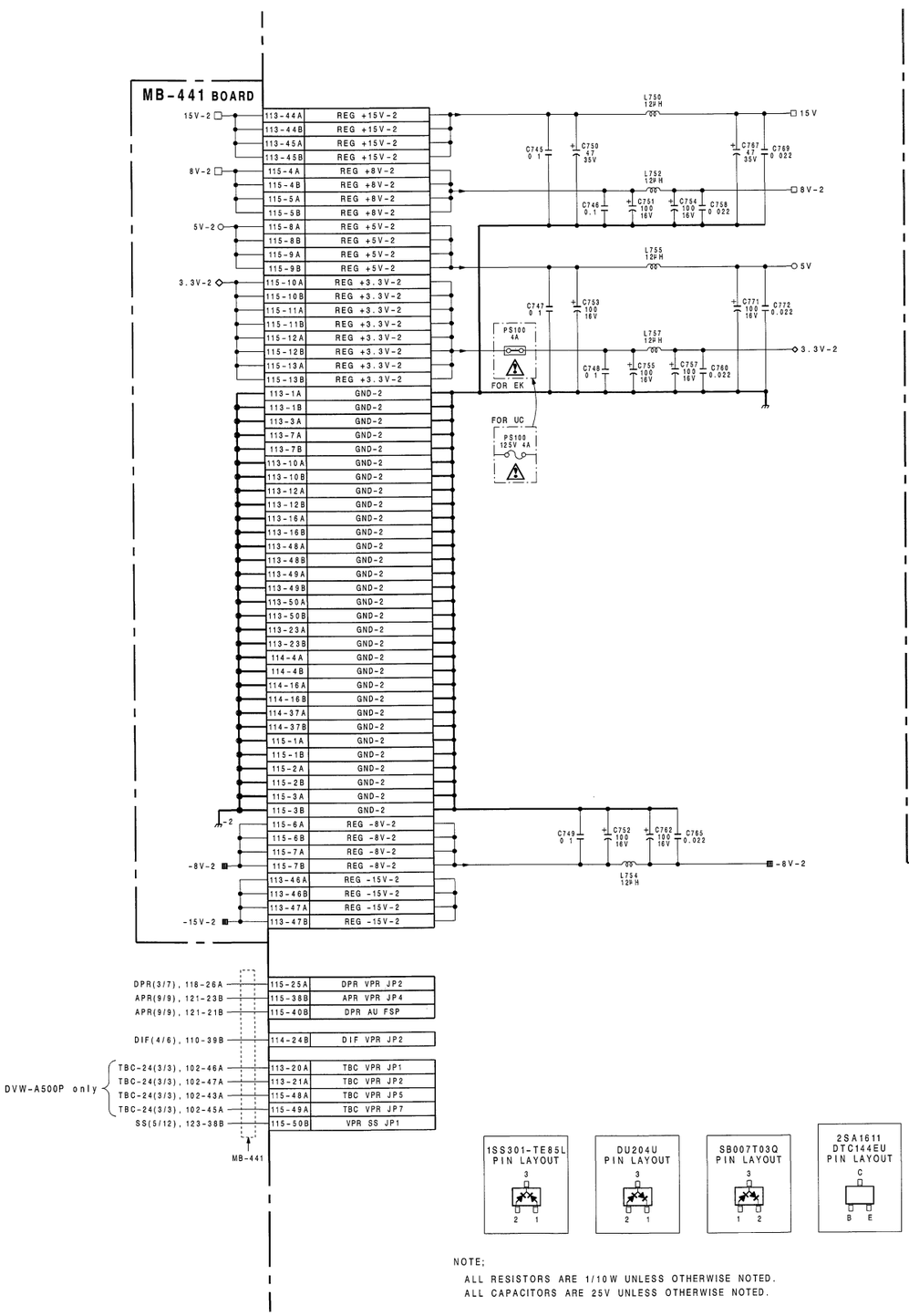


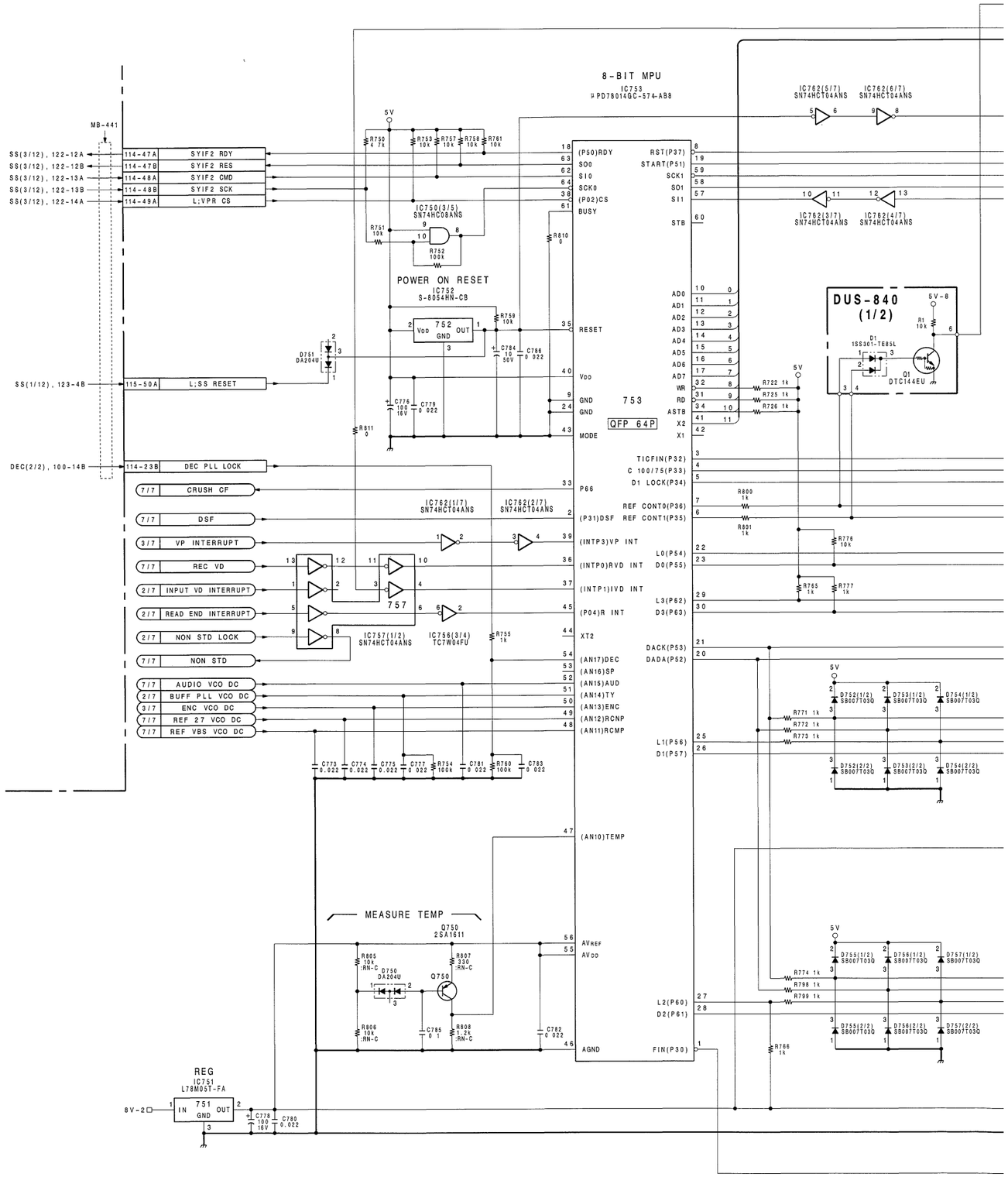
1-12 (d) 1-12 (d)

DVW-A500P/500P

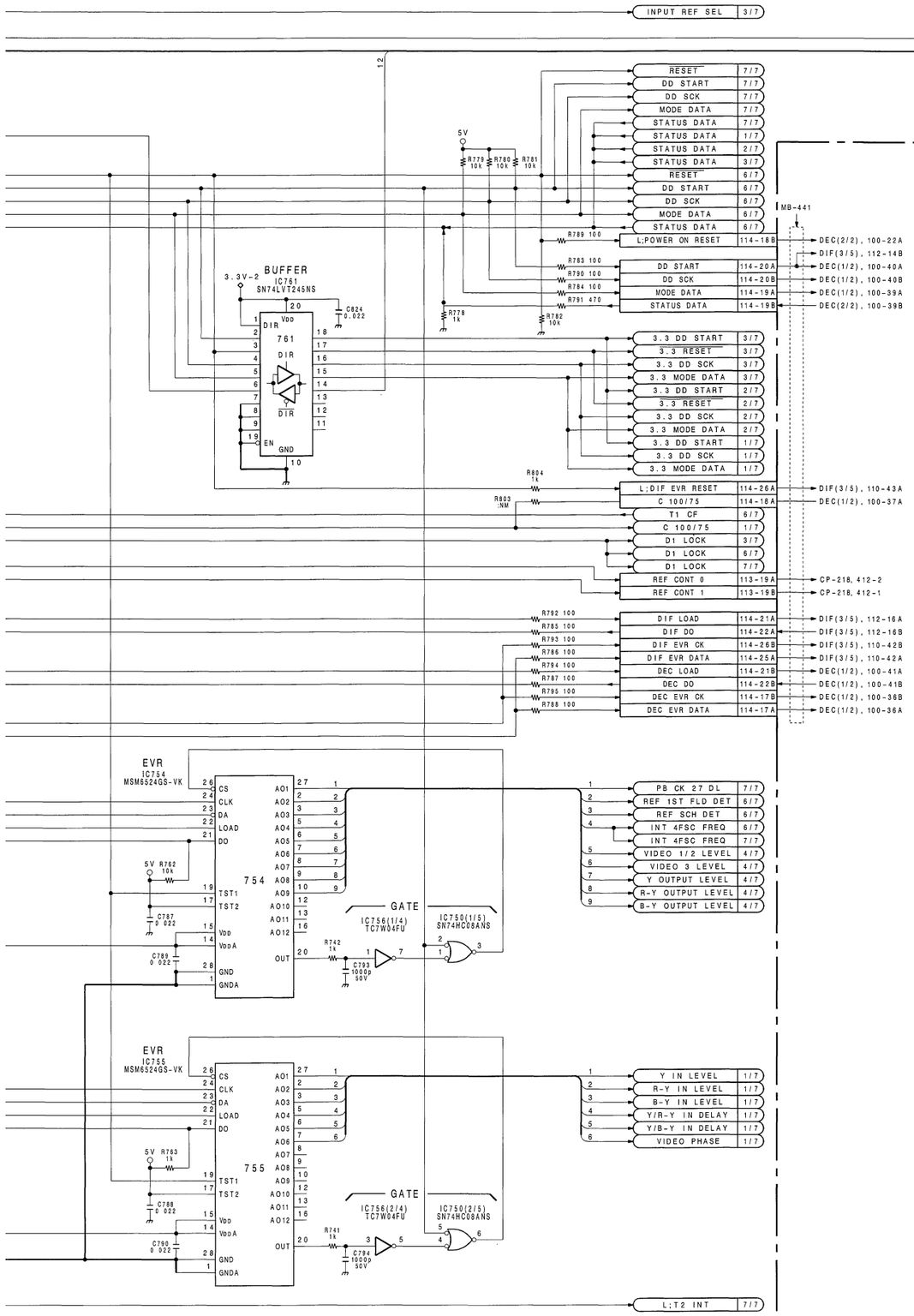

REG
IC609
L78M05T
8V-2
5V-3
COMPOSITE DATA
D/A CONVERTER
IC610
CXD2308Q
ERROR AMP
IC612(1/2)
MC34182M
SAMPLE & HOLD BUFFER
IC613
TC4W53FU
IC612(2/2)
MC34182M
V 1/2 OUT
TP603
ERROR AMP CHARA MIX
IC624(1/2)
MC34182M
IC614
CXA1450M
IC624(2/2)
MC34182M
V3 OUT
TP604
IC621
TL431CM
IC601(1/2)
MC34182M
IC601(2/2)
MC34182M
IC602(4/4)
MC34184M
IC610
QFP 64P
IC611
L79M05T
REG
IC615
TC7W08FU
BUFFER
LPF
BUFFER
Q620
2SC4177
5/7 VIDEO 1/2 LEVEL
5/7 VIDEO 3 LEVEL
3/7 COMPOSITE DATA
3/7 VISC Y DATA
3/7 V OUT DAC CK
OUTPUT VIDEO 1/2(X) 113-9B
OUTPUT VIDEO 1/2(G) 113-9A
OUTPUT VIDEO 3(X) 113-8B
OUTPUT VIDEO 3(G) 113-8A
CHARA FRAME 113-2B
CHARA SIG(X) 113-2A
CHARA SIG(G) 113-3B
VISC Y(X) 113-11B
VISC Y(G) 113-11A
NC 113-20B
CP-218, 412-5
CP-218, 412-6
CP-218, 412-7
CP-218, 412-8
SS(4/12), 123-2A
SS(4/12), 123-2B
SS(4/12), 123-3B
TBC-23(4/5), 101-45B
TBC-23(4/5), 101-46B
DVW-A500P only
MB-441
E601
VPR-1AP MCB MOUNTED
VPR-1APG MCB AS DESIGN
VPR-1P MCB NO MOUNTED
VPR-1PG MCB
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
Output Video Signal D/A Converter
VPR-1 BOARD (4/7)
BOARD NO. 1-648-532-14
BOARD' S LOT NO. 411-502
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB
DVW-VPR1-PAL-REC-S/M-04-D

VPR-1 (5/7)


MB-441 BOARD
15V-2
8V-2
5V-2
3.3V-2
-2
-8V-2
-15V-2
REG +15V-2
REG +8V-2
REG +5V-2
REG +3.3V-2
REG -8V-2
REG -15V-2
GND-2
DPR VPR JP2
APR VPR JP4
DPR AU FSP
DIF VPR JP2
TBC VPR JP1
TBC VPR JP2
TBC VPR JP5
TBC VPR JP7
VPR SS JP1
DVW-A500P only
MB-441
L750 12µH
L752 12µH
L755 12µH
L757 12µH
L754 12µH
PS100 4A
PS105 125V 4A
FOR EK
FOR UC
1SS301-TE85L PIN LAYOUT
DU204U PIN LAYOUT
SB007T03Q PIN LAYOUT
2SA1611 DTC144EU PIN LAYOUT
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.


8-BIT MPU
IC753
µPD7801GC-574-AB8
MB-441
SYIF2 RDY
SYIF2 RES
SYIF2 CMD
SYIF2 SCK
L;VPR CS
L;SS RESET
DEC PLL LOCK
CRUSH CF
DSF
VP INTERRUPT
REC VD
INPUT VD INTERRUPT
READ END INTERRUPT
NON STD LOCK
NON STD
AUDIO VCO DC
BUFF PLL VCO DC
ENC VCO DC
REF 27 VCO DC
REF VBS VCO DC
POWER ON RESET
IC752
S-8054HN-CB
IC750(3/5)
SN74HC08ANS
IC762(1/7)
SN74HCT04ANS
IC762(2/7)
SN74HCT04ANS
IC757(1/2)
SN74HCT04ANS
IC756(3/4)
TC7W04FU
IC762(5/7)
SN74HCT04ANS
IC762(6/7)
SN74HCT04ANS
IC762(3/7)
SN74HCT04ANS
IC762(4/7)
SN74HCT04ANS
DUS-840 (1/2)
MEASURE TEMP
Q750
2SA1611
REG
IC751
L78M05T-FA
QFP 64P
(P50)RDY
SO0
SI0
SCK0
(P02)CS
BUSY
RESET
VDD
GND
MODE
P66
(P31)DSF
(INTP3)VP INT
(INTP0)RVD INT
(INTP1)IVD INT
(P04)R INT
XT2
(AN17)DEC
(AN16)SP
(AN15)AUD
(AN14)TY
(AN13)ENC
(AN12)RCNP
(AN11)RCMP
(AN10)TEMP
AVREF
AVDD
AGND
RST(P37)
START(P51)
SCK1
SO1
SI1
STB
AD0
AD1
AD2
AD3
AD4
AD5
AD6
AD7
WR
RD
ASTB
X2
X1
TICFIN(P32)
C 100/75(P33)
D1 LOCK(P34)
REF CONT0(P36)
REF CONT1(P35)
L0(P54)
D0(P55)
L3(P62)
D3(P63)
DACK(P53)
DADA(P52)
L1(P56)
D1(P57)
L2(P60)
D2(P61)
FIN(P30)

1-14 (d)



DUS-840 BOARD (1/2)

BOARD NO. 1-657-167-11

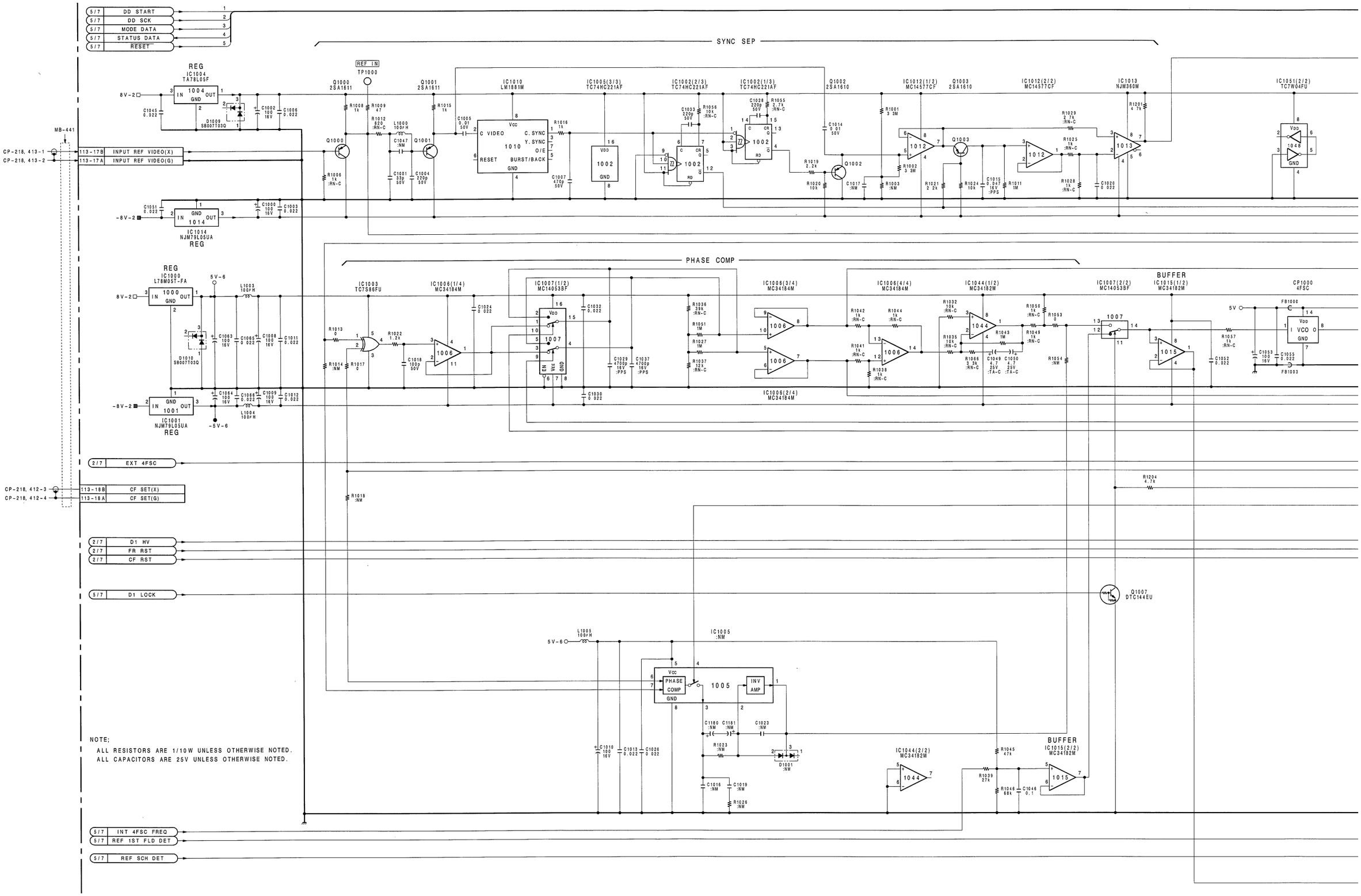
Video Process Control

VPR-1 BOARD (5/7)

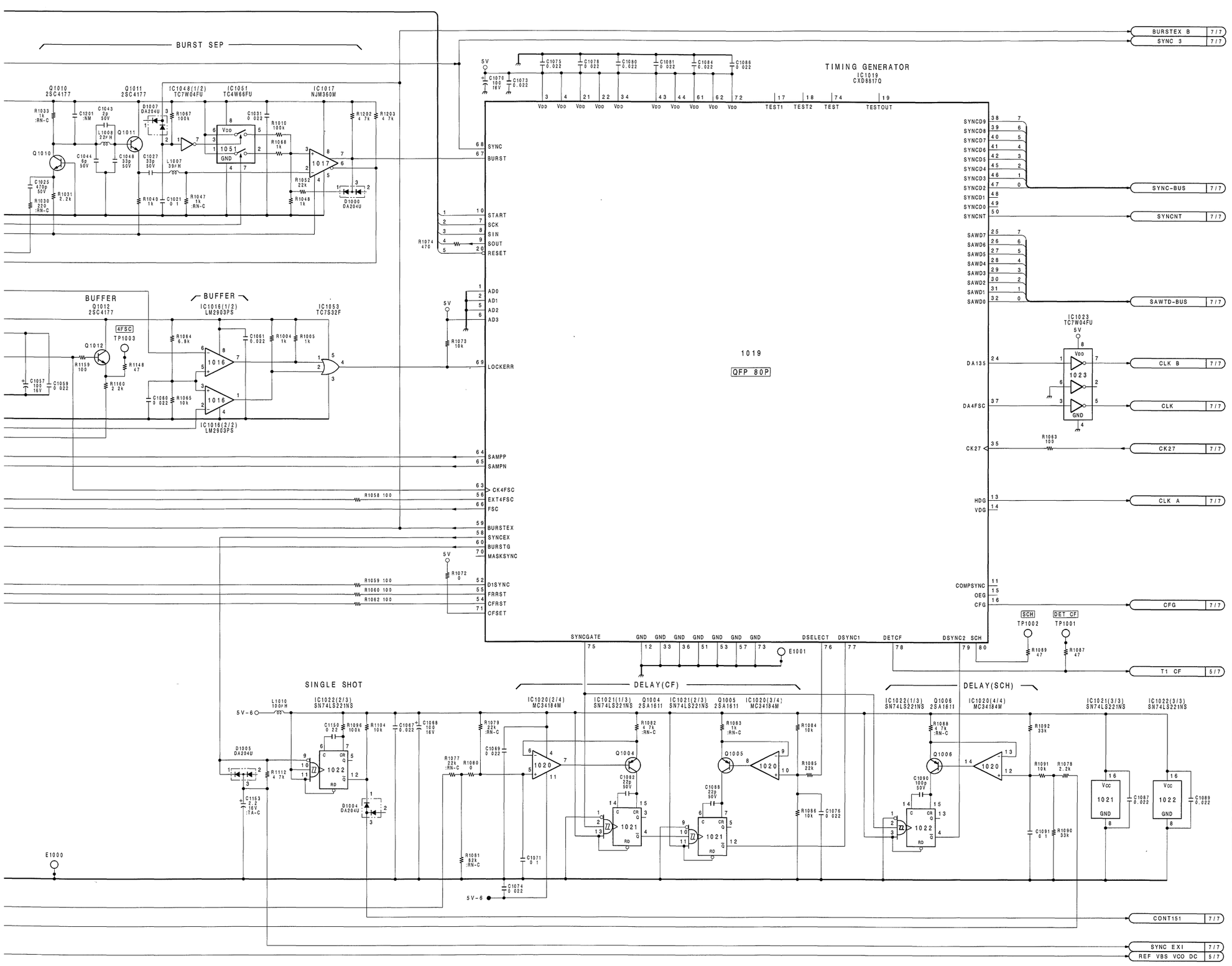
BOARD NO. 1-648-532-14
BOARD' S LOT NO. 411-502
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-D

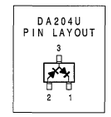
VPR-1 (6/7)


SYNC SEP
PHASE COMP
BUFFER
REG
IC1004 TA78L05F
IC1014 NJM78L05UA
IC1000 L78M05T-FA
IC1001 NJM79L05UA
REF IN
TP1000
Q1000 2SA1611
Q1001 2SA1611
IC1010 LM1881M
IC1005(3/3) TC74HC221AF
IC1002(2/3) TC74HC221AF
IC1002(1/3) TC74HC221AF
Q1002 2SA1610
IC1012(1/2) MC14577CF
Q1003 2SA1610
IC1012(2/2) MC14577CF
IC1013 NJM360M
IC1051(2/2) TC7W04FU
IC1003 TC7S86FU
IC1006(1/4) MC34184M
IC1007(1/2) MC14053BF
IC1006(3/4) MC34184M
IC1006(4/4) MC34184M
IC1044(1/2) MC34182M
IC1007(2/2) MC14053BF
IC1015(1/2) MC34182M
CP1000 4FSC
IC1005 :NM
IC1044(2/2) MC34182M
IC1015(2/2) MC34182M
Q1007 DTC144EU
MB-441
CP-218, 413-1
CP-218, 413-2
113-17B INPUT REF VIDEO(X)
113-17A INPUT REF VIDEO(G)
CP-218, 412-3
CP-218, 412-4
113-18B CF SET(X)
113-18A CF SET(G)
5/7 DD START
5/7 DD SCK
5/7 MODE DATA
5/7 STATUS DATA
5/7 RESET
2/7 EXT 4FSC
2/7 D1 HV
2/7 FR RST
2/7 CF RST
5/7 D1 LOCK
5/7 INT 4FSC FREQ
5/7 REF 1ST FLD DET
5/7 REF SCH DET
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

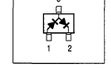
1-16 (d)



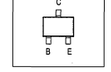
DA204U PIN LAYOUT



SB007T03Q PIN LAYOUT



2SA1610
2SA1611
2SC4177
DTC144EU
PIN LAYOUT



Time Ref Signal(1)

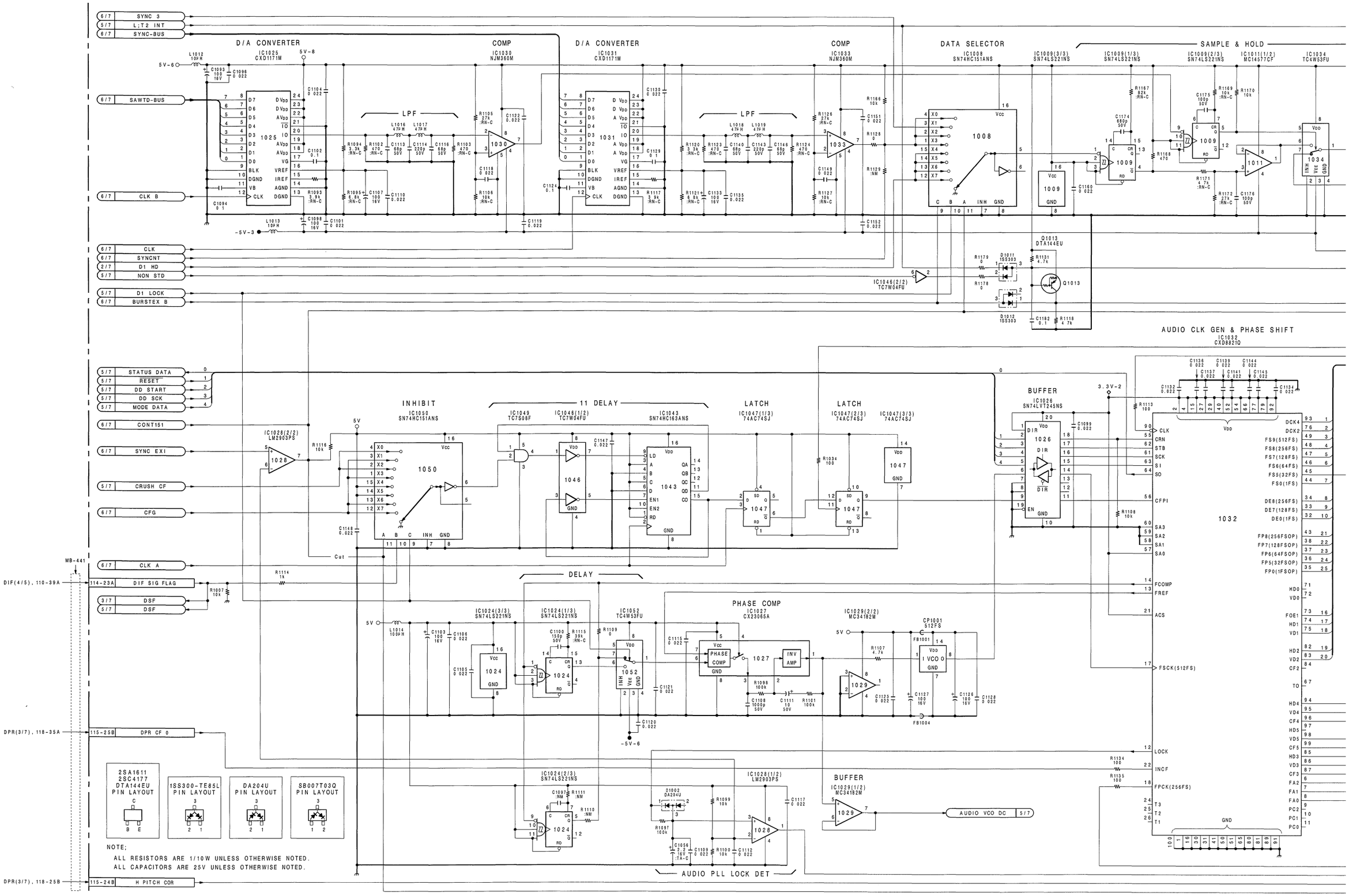
VPR-1 BOARD (6/7)

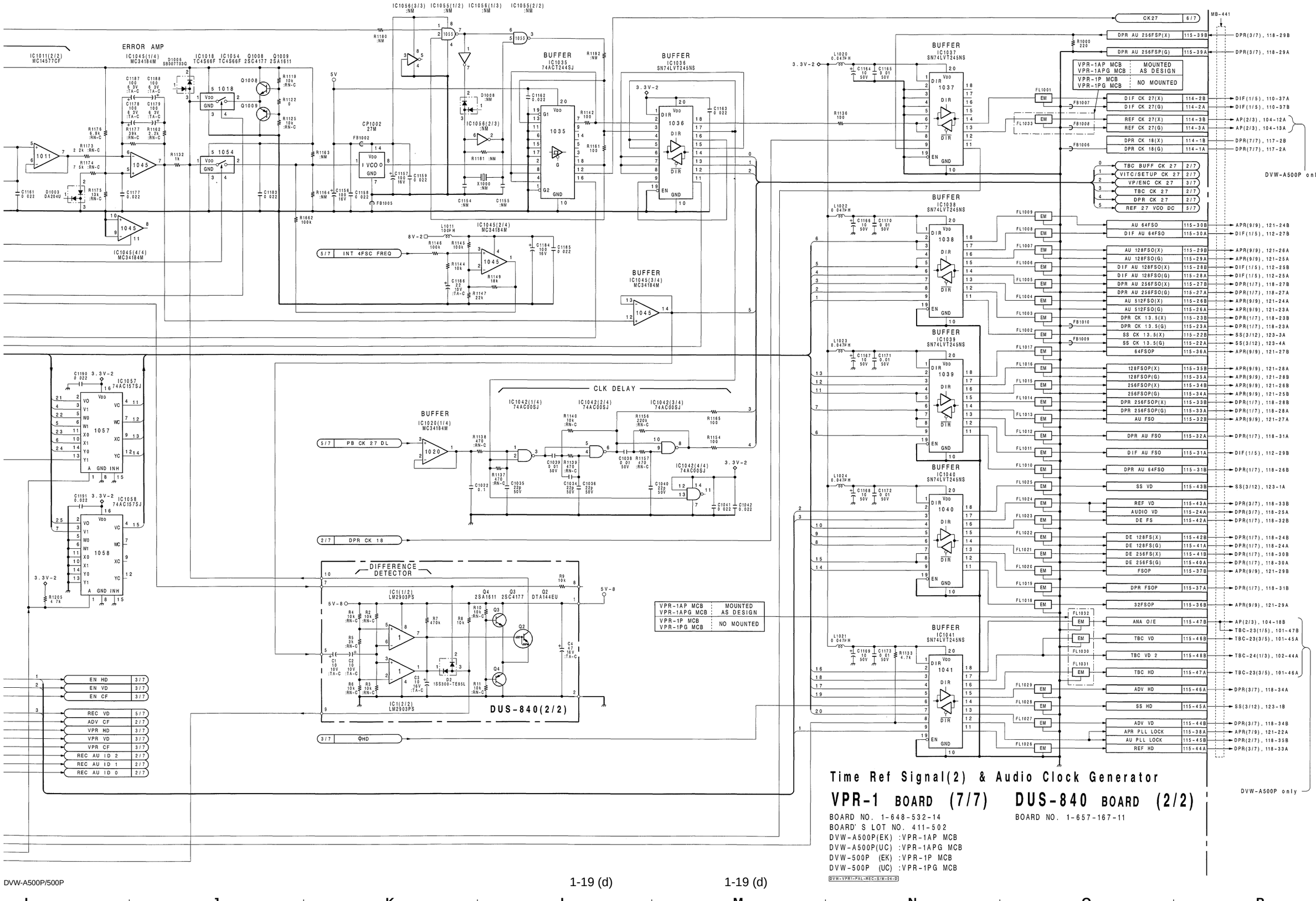
BOARD NO. 1-648-532-14
BOARD'S LOT NO. 411~502
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-D

I J K L M N O P

VPR-1 (7/7)


D/A CONVERTER
IC1025 CXD1171M
COMP
IC1030 NJM360M
D/A CONVERTER
IC1031 CXD1171M
COMP
IC1033 NJM360M
DATA SELECTOR
IC1008 SN74HC151ANS
SAMPLE & HOLD
IC1009(3/3) SN74LS221NS
IC1009(1/3) SN74LS221NS
IC1009(2/3) SN74LS221NS
IC1011(1/2) MC14577CF
IC1034 TC4W53FU
LPF
LPF
IC1046(2/2) TC7W04FU
Q1013 DTA144EU
D1011 1SS303
D1012 1SS303
AUDIO CLK GEN & PHASE SHIFT
IC1032 CXD8821Q
BUFFER
IC1026 SN74LVT245NS
INHIBIT
IC1050 SN74HC151ANS
11 DELAY
IC1049 TC7S08F
IC1046(1/2) TC7W04FU
IC1043 SN74HC163ANS
LATCH
IC1047(1/3) 74AC74SJ
LATCH
IC1047(2/3) 74AC74SJ
IC1047(3/3) 74AC74SJ
IC1028(2/2) LM2903PS
DELAY
IC1024(3/3) SN74LS221NS
IC1024(1/3) SN74LS221NS
IC1052 TC4W53FU
PHASE COMP
IC1027 CX23065A
IC1029(2/2) MC34182M
CP1001 512FS
IC1024(2/3) SN74LS221NS
IC1028(1/2) LM2903PS
BUFFER
IC1029(1/2) MC34182M
AUDIO PLL LOCK DET
AUDIO VCO DC 5/7
6/7 SYNC 3
5/7 L;T2 INT
6/7 SYNC-BUS
6/7 SAWTD-BUS
6/7 CLK B
6/7 CLK
6/7 SYNCNT
2/7 D1 HD
5/7 NON STD
5/7 D1 LOCK
6/7 BURSTEX B
5/7 STATUS DATA
5/7 RESET
5/7 DD START
5/7 DD SCK
5/7 MODE DATA
6/7 CONT151
6/7 SYNC EXI
5/7 CRUSH CF
6/7 CFG
6/7 CLK A
MB-441
DIF(4/5), 110-39A
114-23A DIF SIG FLAG
3/7 DSF
5/7 DSF
DPR(3/7), 118-35A
115-25B DPR CF 0
DPR(3/7), 118-25B
115-24B H PITCH COR
2SA1611 2SC4177 DTA144EU PIN LAYOUT
1SS300-TE85L PIN LAYOUT
DA204U PIN LAYOUT
SB007T03Q PIN LAYOUT
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



Time Ref Signal(2) & Audio Clock Generator

VPR-1 BOARD (7/7) **DUS-840 BOARD (2/2)**

BOARD NO. 1-648-532-14
BOARD' S LOT NO. 411-502
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

BOARD NO. 1-657-167-11

DVW-VPRT-PAL-REC-S/M-04-D

VPR-1 (1/7)

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

SB007T03Q PIN LAYOUT
RD?.?MB PIN LAYOUT
2SA1610 2SA1611 2SC4177 PIN LAYOUT

IC107(4/4) MC34184M
IC108(4/4) MC34184M
IC126(4/4) MC34184M

The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
VPR-1 BOARD: 1-648-532-13

MB-441
CP-218, 413-3 113-15B INPUT Y(X)
CP-218, 413-4 113-15A INPUT Y(G)
CP-218, 413-5 113-14B INPUT R-Y(X)
CP-218, 413-6 113-14A INPUT R-Y(G)
CP-218, 413-7 113-13B INPUT B-Y(X)
CP-218, 413-8 113-13A INPUT B-Y(G)
5/7 C 100/75

REG IC100 TA78L12F
REG IC101 NJM79L05UA
REG IC102 TA78L05F
REG IC103 NJM79L05UA
REG IC110 TA78L05F

Y IN TP101 — LPF — CLAMP — CLAMP Y TP104 — BPF — ERROR AMP
R-Y IN TP102 — LPF — CLAMP — CLAMP R-Y TP106 — BPF — ERROR AMP
B-Y IN TP103 — LPF — CLAMP — CLAMP B-Y TP105 — ERROR AMP
SYNC SEPARATOR — PHASE COMP

C243 IS ADDED ON SOME MCB

FL100 6MHz
FL101 3MHz
FL102 3MHz

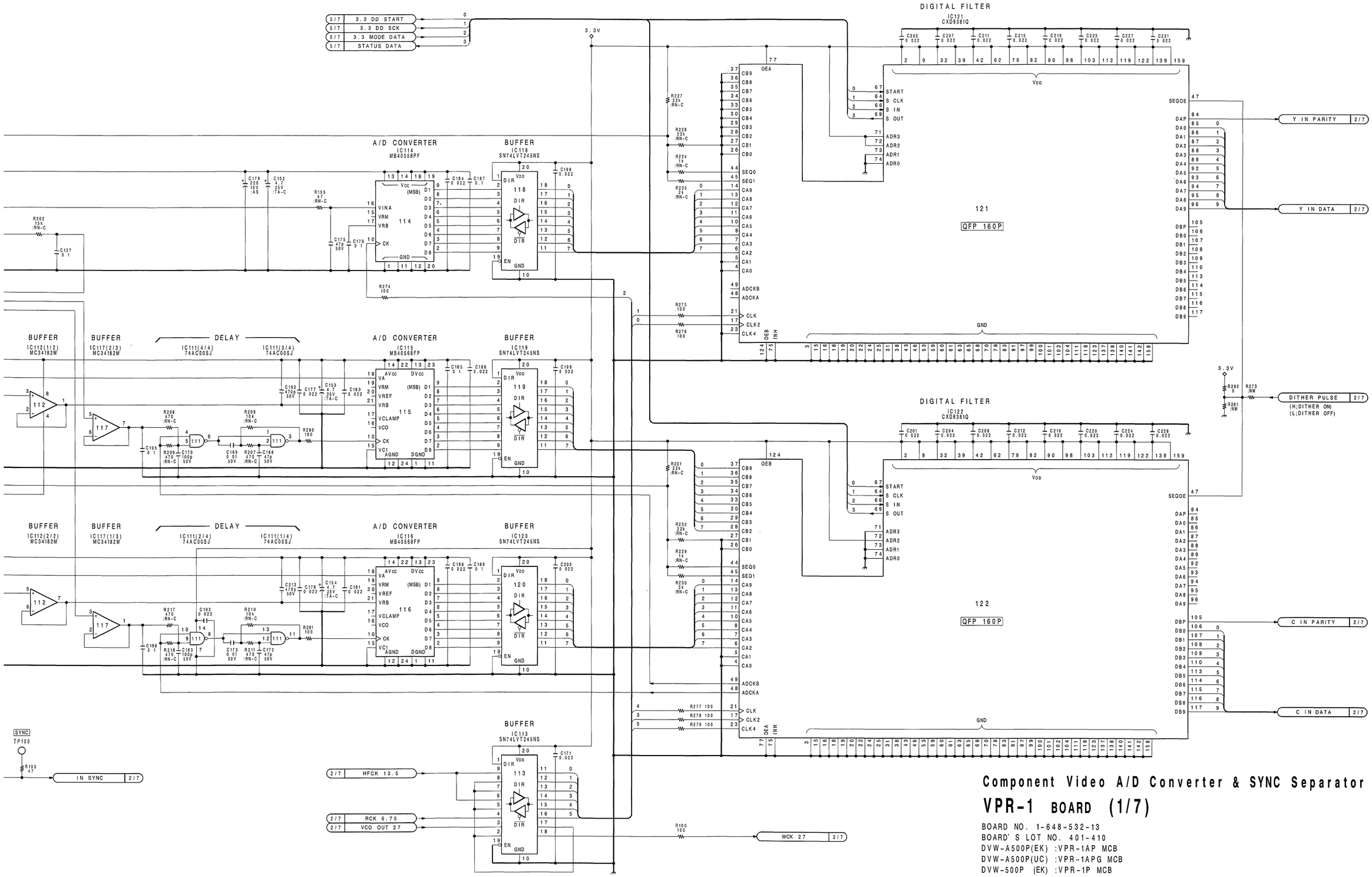
IC104 LM1881M (Vcc, C. SYNC, C VIDEO, Y. SYNC, O/E, RSET BURST/BACK, GND)
IC105(1/3) TC74HC221AF
IC105(2/3) TC74HC221AF
IC105(3/3) TC74HC221AF
IC106(1/2) MC14577CF
IC106(2/2) MC14577CF
IC107(1/4) MC34184M
IC107(2/4) MC34184M
IC107(3/4) MC34184M
IC108(1/4) MC34184M
IC108(2/4) MC34184M
IC108(3/4) MC34184M
IC109 NJM360M
IC117(3/3) MC34182M
IC123 NJM360M
IC124 TL431CM
IC125 TL431CM
IC126(1/4) MC34184M
IC126(2/4) MC34184M
IC126(3/4) MC34184M
IC127 TC4S66F
IC128 TC4S66F
IC129 TC4S66F

5/7 Y IN LEVEL
5/7 Y/R-Y IN DELAY
5/7 Y/B-Y IN DELAY
2/7 Y CLAMP ERROR
2/7 CLP P
2/7 R-Y CLAMP ERROR
5/7 R-Y IN LEVEL
5/7 B-Y IN LEVEL
2/7 B-Y CLAMP ERROR
5/7 VIDEO PHASE

1-6 (c) 1-6 (c)

DVW-A500P/500P

A B C D E F G H



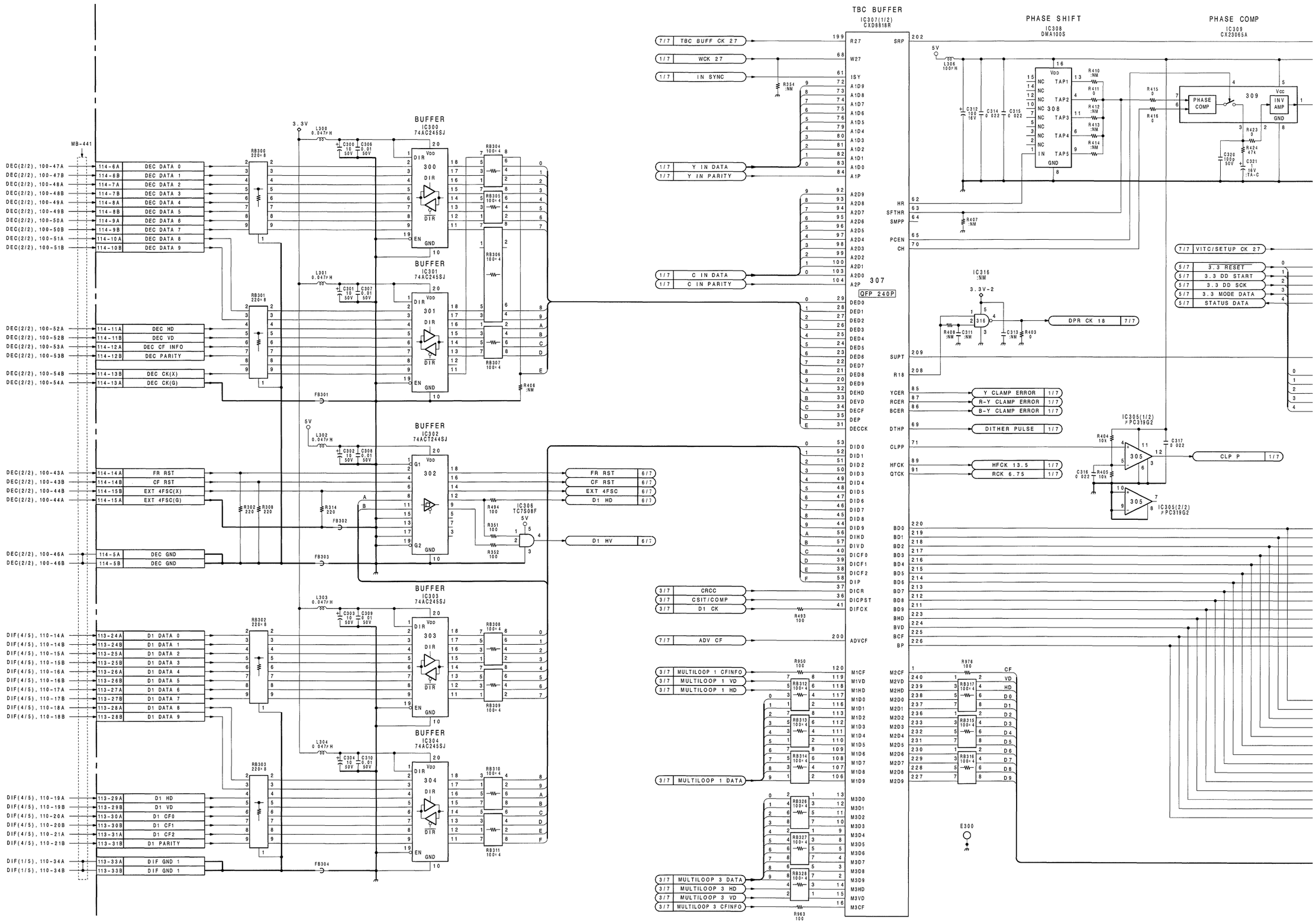
Component Video A/D Converter & SYNC Separator

VPR-1 BOARD (1/7)

BOARD NO. 1-648-532-13
BOARD' S LOT NO. 401-410
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-C

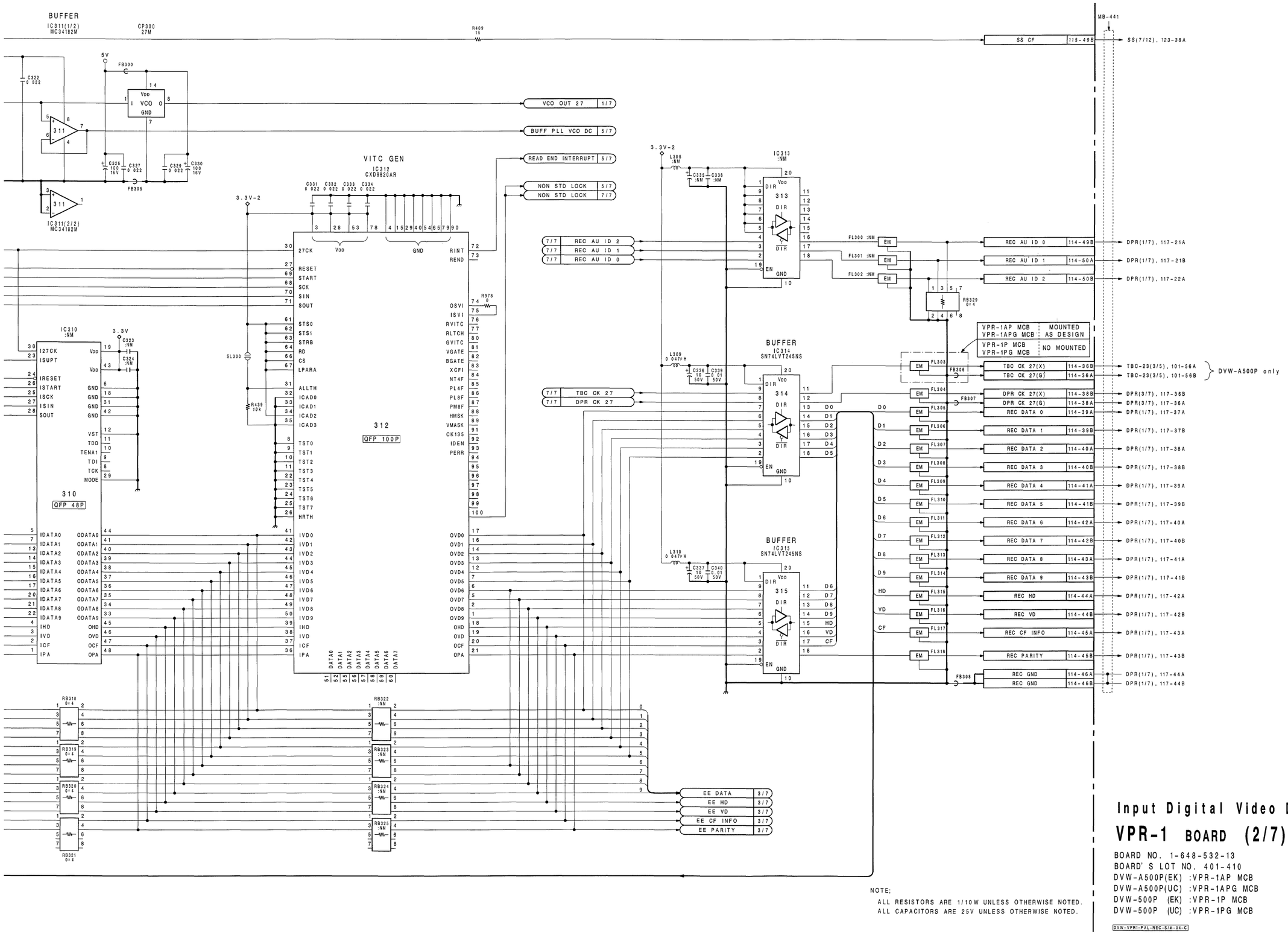
VPR-1 (2/7)



1-8 (c)

1-8 (c)

VPR-1 (2/7)



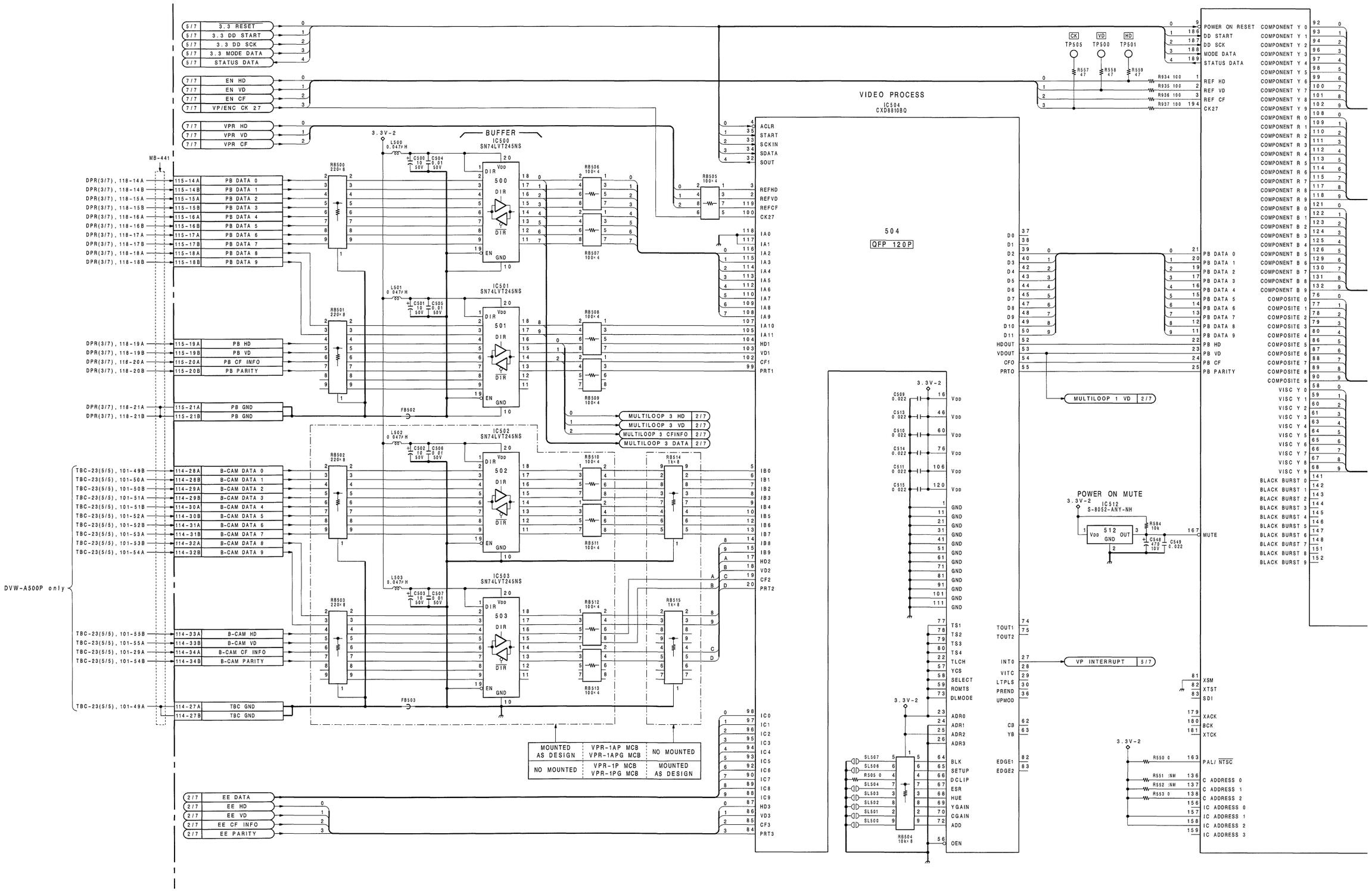
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

Input Digital Video Data Processor

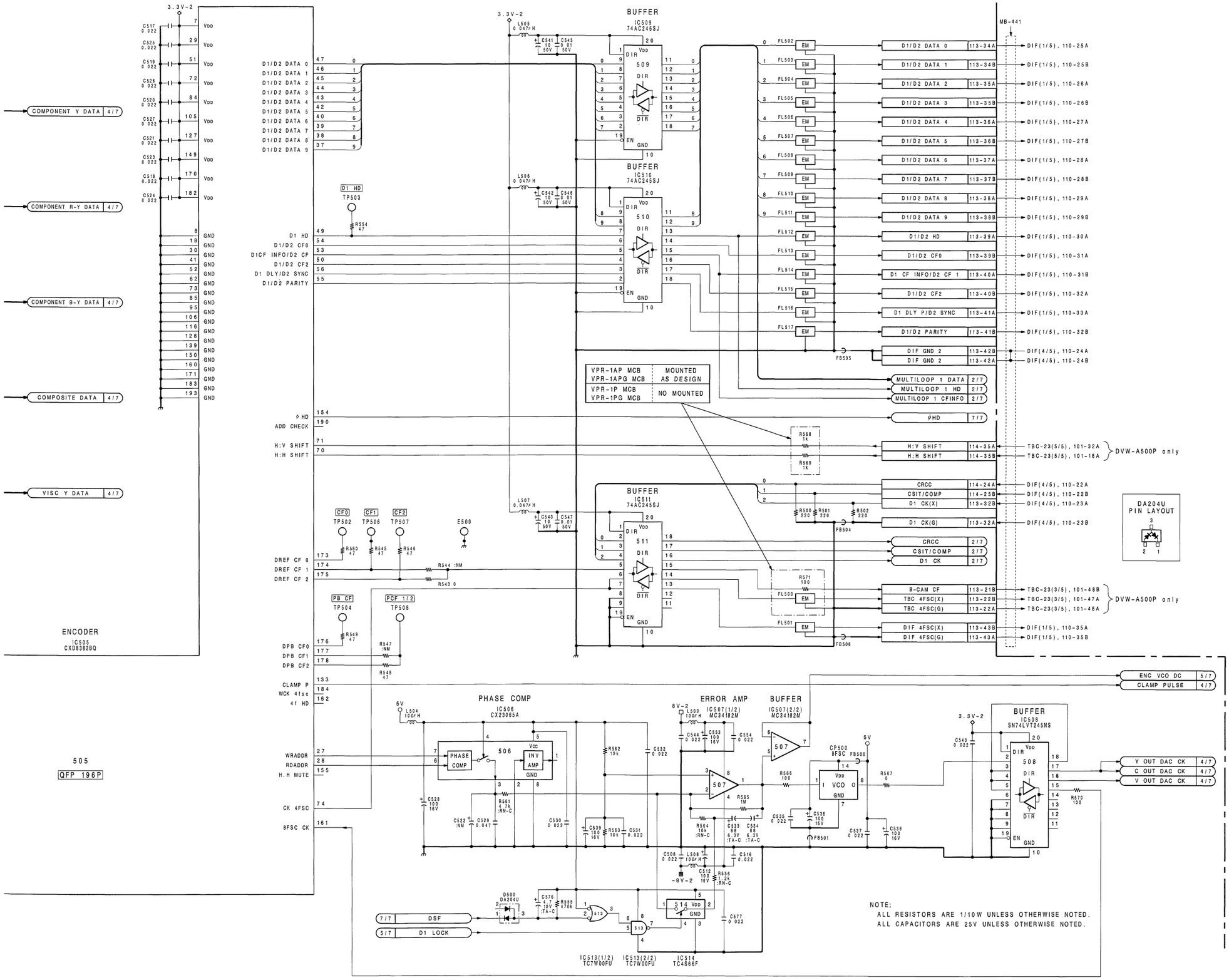
VPR-1 BOARD (2/7)

BOARD NO. 1-648-532-13
BOARD' S LOT NO. 401-410
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-C


3.3 RESET
3.3 DD START
3.3 DD SCK
3.3 MODE DATA
STATUS DATA
EN HD
EN VD
EN CF
VP/ENC CK 27
VPR HD
VPR VD
VPR CF
MB-441
PB DATA 0
PB DATA 1
PB DATA 2
PB DATA 3
PB DATA 4
PB DATA 5
PB DATA 6
PB DATA 7
PB DATA 8
PB DATA 9
PB HD
PB VD
PB CF INFO
PB PARITY
PB GND
PB GND
B-CAM DATA 0
B-CAM DATA 1
B-CAM DATA 2
B-CAM DATA 3
B-CAM DATA 4
B-CAM DATA 5
B-CAM DATA 6
B-CAM DATA 7
B-CAM DATA 8
B-CAM DATA 9
B-CAM HD
B-CAM VD
B-CAM CF INFO
B-CAM PARITY
TBC GND
TBC GND
DVW-A500P only
BUFFER
IC500 SN74LVT245NS
IC501 SN74LVT245NS
IC502 SN74LVT245NS
IC503 SN74LVT245NS
MULTILOOP 3 HD
MULTILOOP 3 VD
MULTILOOP 3 CFINFO
MULTILOOP 3 DATA
MOUNTED AS DESIGN
VPR-1AP MCB
VPR-1APG MCB
NO MOUNTED
NO MOUNTED
VPR-1P MCB
VPR-1PG MCB
MOUNTED AS DESIGN
EE DATA
EE HD
EE VD
EE CF INFO
EE PARITY
VIDEO PROCESS
IC504
CXD8810BQ
504
QFP 120P
ACLR
START
SCKIN
SDATA
SOUT
REFHD
REFVD
REFCF
CK27
MULTILOOP 1 VD
POWER ON RESET
DD START
DD SCK
MODE DATA
STATUS DATA
REF HD
REF VD
REF CF
CK27
PB DATA 0
PB DATA 1
PB DATA 2
PB DATA 3
PB DATA 4
PB DATA 5
PB DATA 6
PB DATA 7
PB DATA 8
PB DATA 9
PB HD
PB VD
PB CF
PB PARITY
COMPONENT Y 0
COMPONENT Y 1
COMPONENT Y 2
COMPONENT Y 3
COMPONENT Y 4
COMPONENT Y 5
COMPONENT Y 6
COMPONENT Y 7
COMPONENT Y 8
COMPONENT Y 9
COMPONENT R 0
COMPONENT R 1
COMPONENT R 2
COMPONENT R 3
COMPONENT R 4
COMPONENT R 5
COMPONENT R 6
COMPONENT R 7
COMPONENT R 8
COMPONENT R 9
COMPONENT B 0
COMPONENT B 1
COMPONENT B 2
COMPONENT B 3
COMPONENT B 4
COMPONENT B 5
COMPONENT B 6
COMPONENT B 7
COMPONENT B 8
COMPONENT B 9
COMPOSITE 0
COMPOSITE 1
COMPOSITE 2
COMPOSITE 3
COMPOSITE 4
COMPOSITE 5
COMPOSITE 6
COMPOSITE 7
COMPOSITE 8
COMPOSITE 9
VISC Y 0
VISC Y 1
VISC Y 2
VISC Y 3
VISC Y 4
VISC Y 5
VISC Y 6
VISC Y 7
VISC Y 8
VISC Y 9
BLACK BURST 0
BLACK BURST 1
BLACK BURST 2
BLACK BURST 3
BLACK BURST 4
BLACK BURST 5
BLACK BURST 6
BLACK BURST 7
BLACK BURST 8
BLACK BURST 9
TP505
TP500
TP501
POWER ON MUTE
IC512
S-8052-ANY-NH
MUTE
VP INTERRUPT
PAL/ NTSC
C ADDRESS 0
C ADDRESS 1
C ADDRESS 2
IC ADDRESS 0
IC ADDRESS 1
IC ADDRESS 2
IC ADDRESS 3
XSM
XTST
SDI
XACK
BCK
XTCK

1-10 (c)　　1-10 (c)

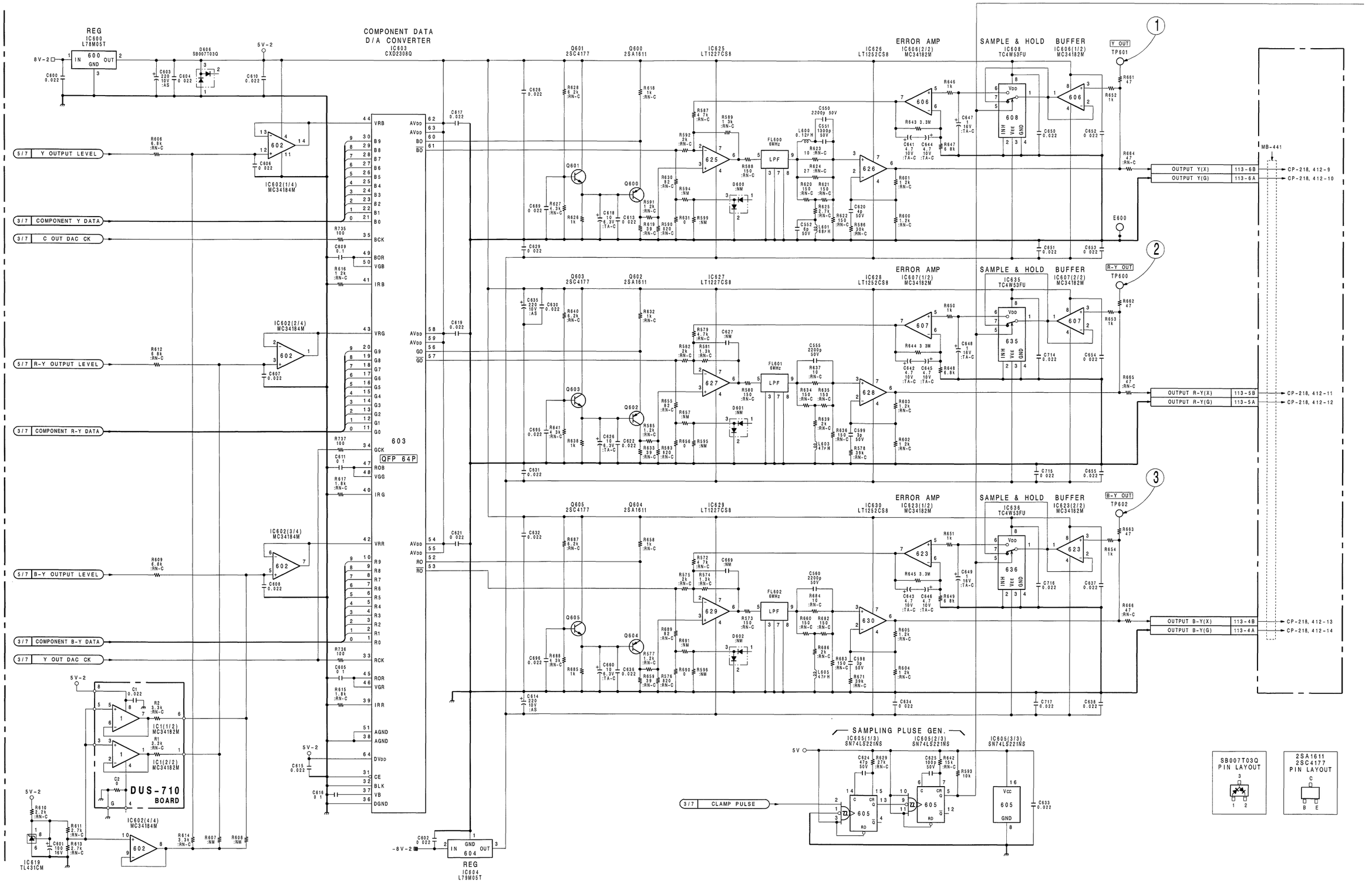


Digital Video Data Encoder

VPR-1 BOARD (3/7)

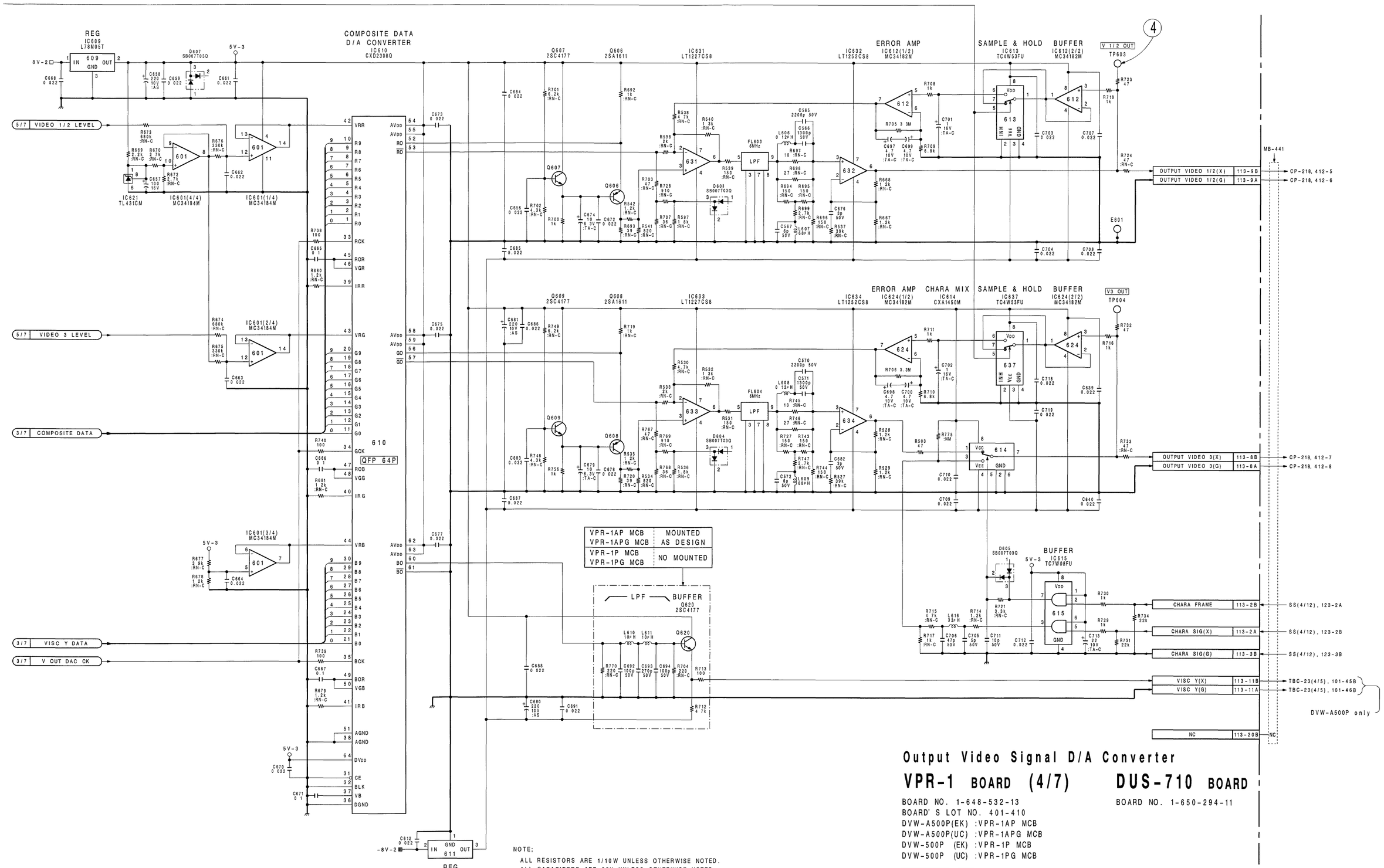
BOARD NO. 1-648-532-13
BOARD' S LOT NO. 401-410
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-SIM-04-C



1-12 (c) 1-12 (c)

DVW-A500P/500P



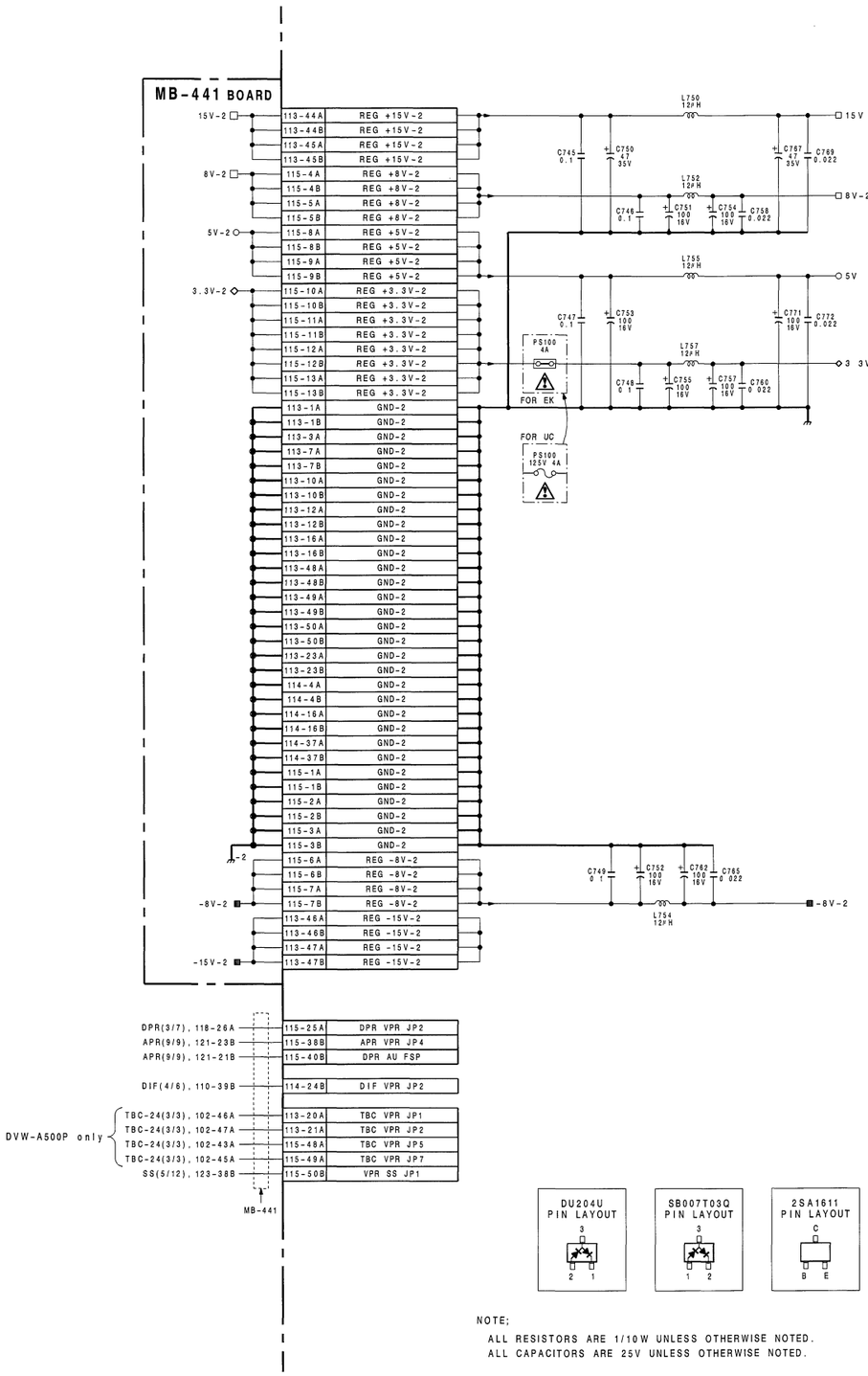
Output Video Signal D/A Converter

VPR-1 BOARD (4/7) **DUS-710 BOARD**

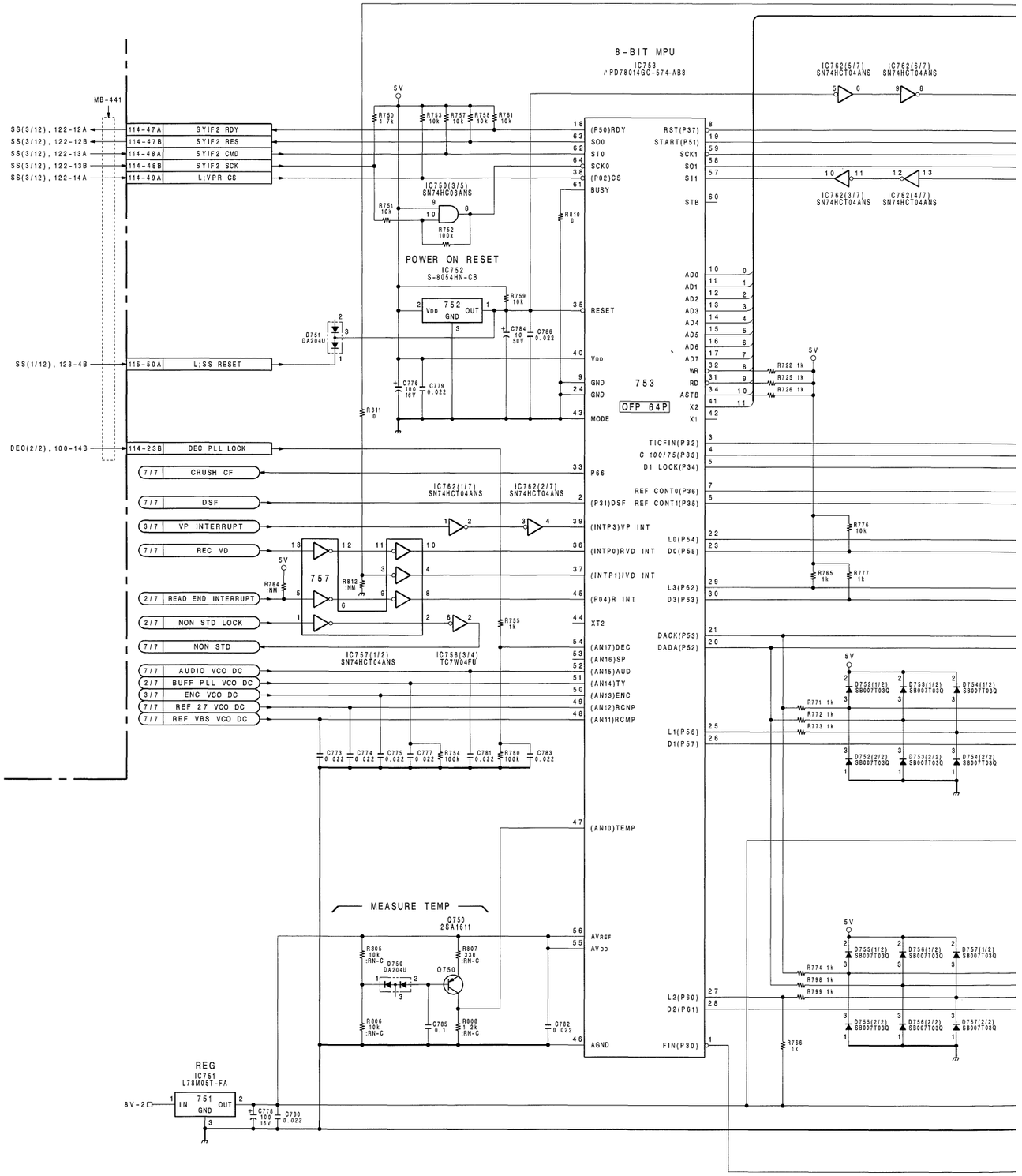
BOARD NO. 1-648-532-13
BOARD' S LOT NO. 401-410
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

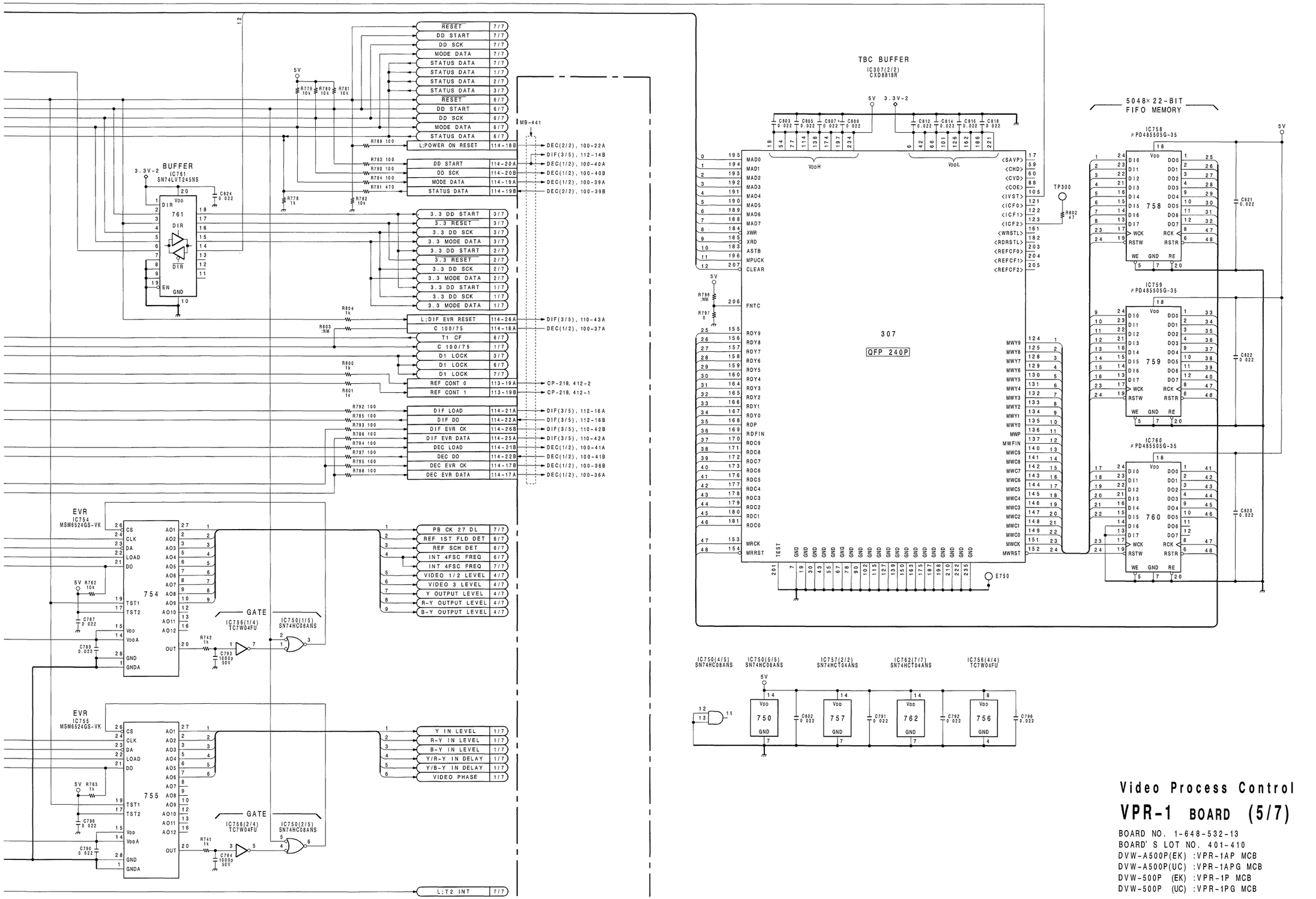
BOARD NO. 1-650-294-11

DVW-VPR1-PAL-REC-S/M-04-C



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.





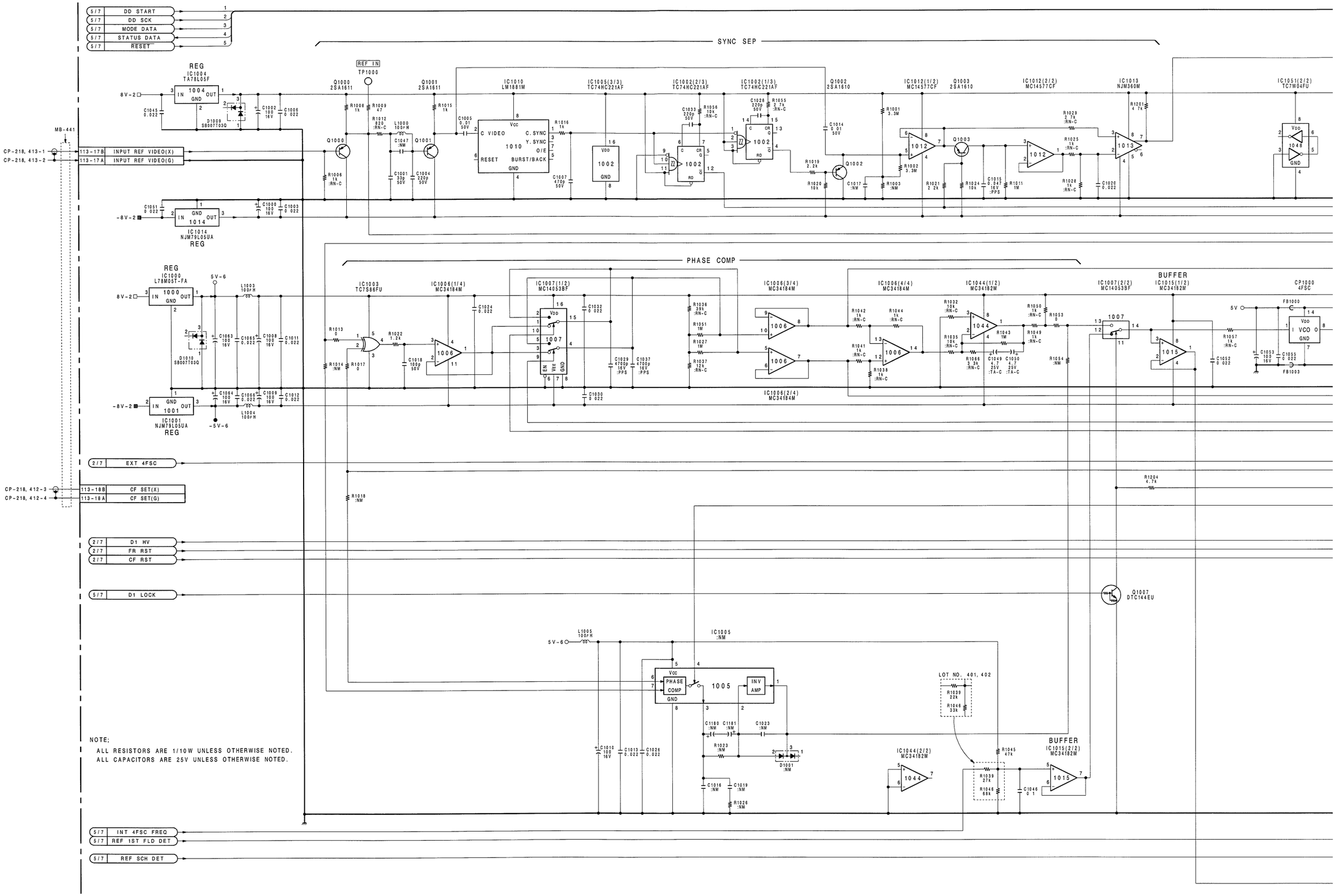
Video Process Control

VPR-1 BOARD (5/7)

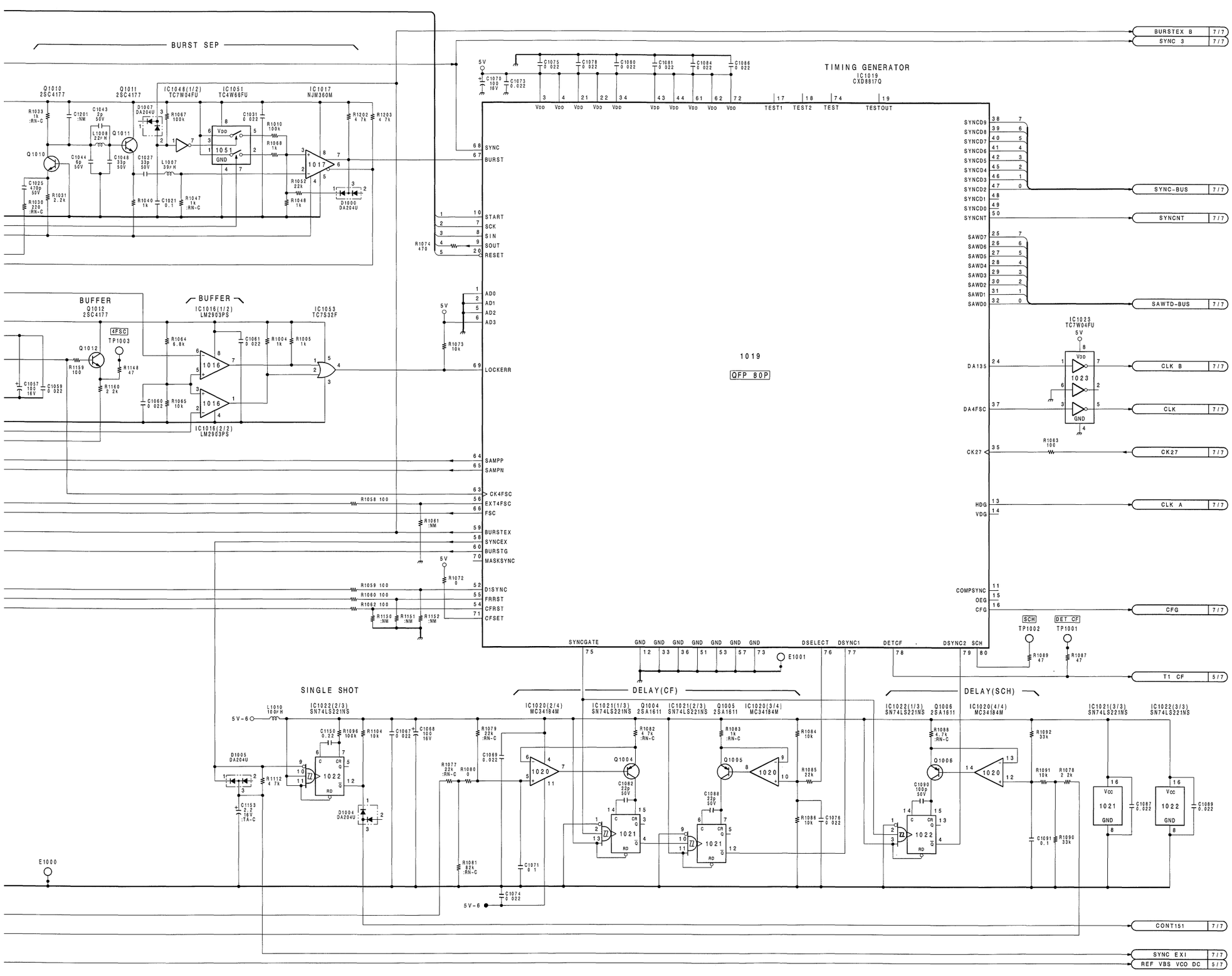
BOARD NO. 1-648-532-13
BOARD' S LOT NO. 401-410
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-SIM-04-C

VPR-1 (6/7)


5/7 DD START
5/7 DD SCK
5/7 MODE DATA
5/7 STATUS DATA
5/7 RESET
SYNC SEP
REG
IC1004
TA78L05F
8V-2
C1045 0.022
D1009 SB007703Q
C1002 100 16V
C1006 0.022
REF IN
TP1000
Q1000 2SA1611
Q1001 2SA1611
IC1010 LM1881M
IC1005(3/3) TC74HC221AF
IC1002(2/3) TC74HC221AF
IC1002(1/3) TC74HC221AF
Q1002 2SA1610
IC1012(1/2) MC14577CF
Q1003 2SA1610
IC1012(2/2) MC14577CF
IC1013 NJM360M
IC1051(2/2) TC7W04FU
MB-441
CP-218, 413-1
CP-218, 413-2
113-17B INPUT REF VIDEO(X)
113-17A INPUT REF VIDEO(G)
-8V-2
C1051 0.022
C1000 100 16V
C1003 0.022
IC1014 NJM79L05UA
REG
PHASE COMP
REG
IC1000 L78M05T-FA
5V-6
L1003 100mH
8V-2
D1010 SB007703Q
C1063 100 16V
C1065 0.022
C1008 100 16V
C1011 0.022
-8V-2
C1064 100 16V
C1066 0.022
C1009 100 16V
C1012 0.022
L1004 100mH
-5V-6
IC1001 NJM79L05UA
REG
IC1003 TC7S86FU
IC1006(1/4) MC34184M
IC1007(1/2) MC14053BF
IC1006(3/4) MC34184M
IC1006(4/4) MC34184M
IC1044(1/2) MC34182M
IC1007(2/2) MC14053BF
BUFFER
IC1015(1/2) MC34182M
CP1000 4FSC
IC1006(2/4) MC34184M
2/7 EXT 4FSC
CP-218, 412-3
CP-218, 412-4
113-18B CF SET(X)
113-18A CF SET(G)
2/7 D1 HV
2/7 FR RST
2/7 CF RST
5/7 D1 LOCK
Q1007 DTC144EU
L1005 100mH
5V-6
IC1005 :NM
PHASE COMP
INV AMP
1005
LOT NO. 401, 402
R1039 22k
R1046 33k
R1039 27k
R1046 68k
BUFFER
IC1015(2/2) MC34182M
IC1044(2/2) MC34182M
C1180 :NM
C1181 :NM
C1023 :NM
R1023 :NM
D1001 :NM
C1016 :NM
C1019 :NM
R1026 :NM
C1010 100 16V
C1013 0.022
C1026 0.022
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
5/7 INT 4FSC FREQ
5/7 REF 1ST FLD DET
5/7 REF SCH DET

1-16 (c)



DA204U PIN LAYOUT

SB007T03Q PIN LAYOUT

2SA1610
2SA1611
2SC4177
DTC144EU
PIN LAYOUT

Time Ref Signal(1)

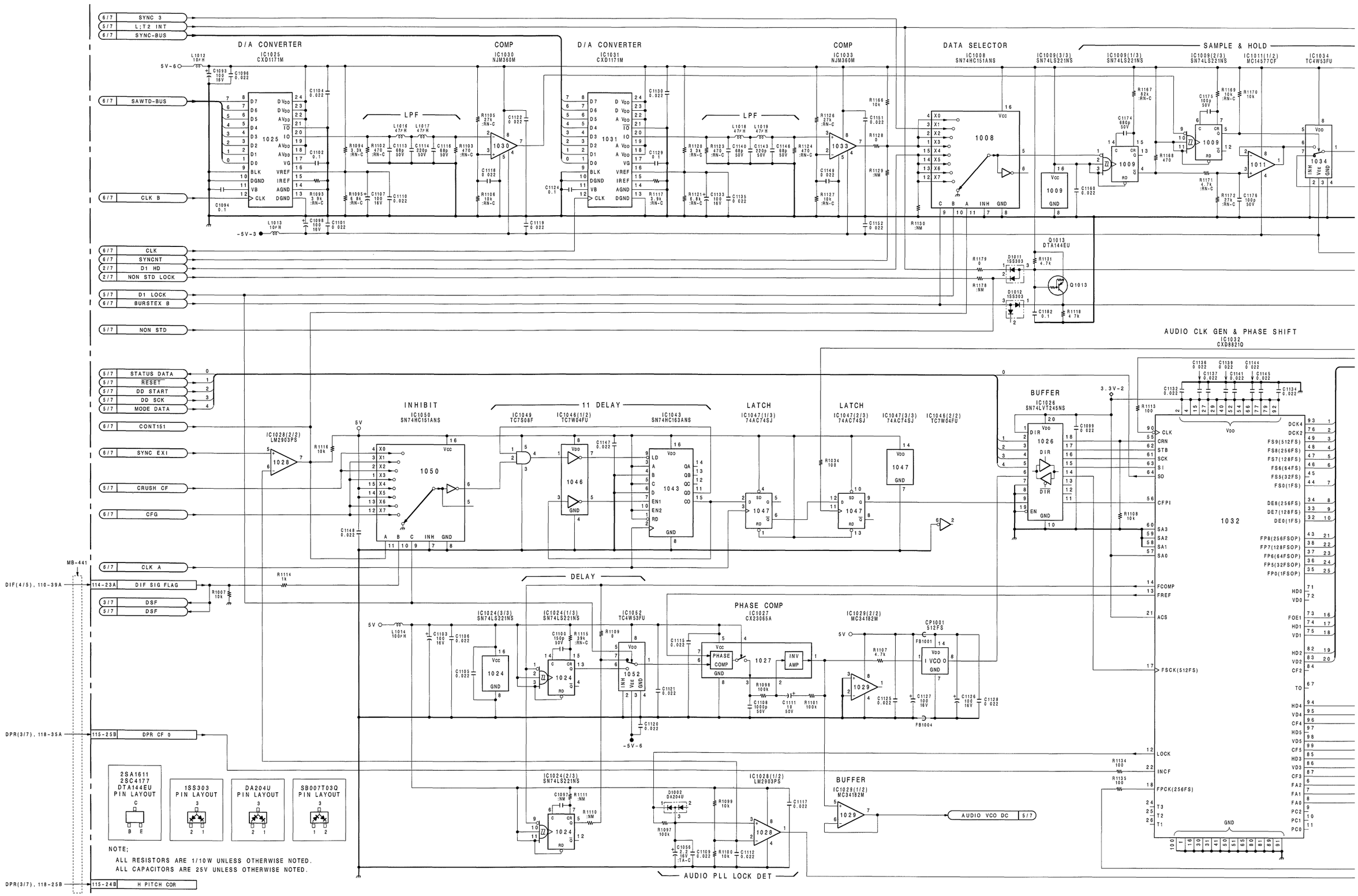
VPR-1 BOARD (6/7)

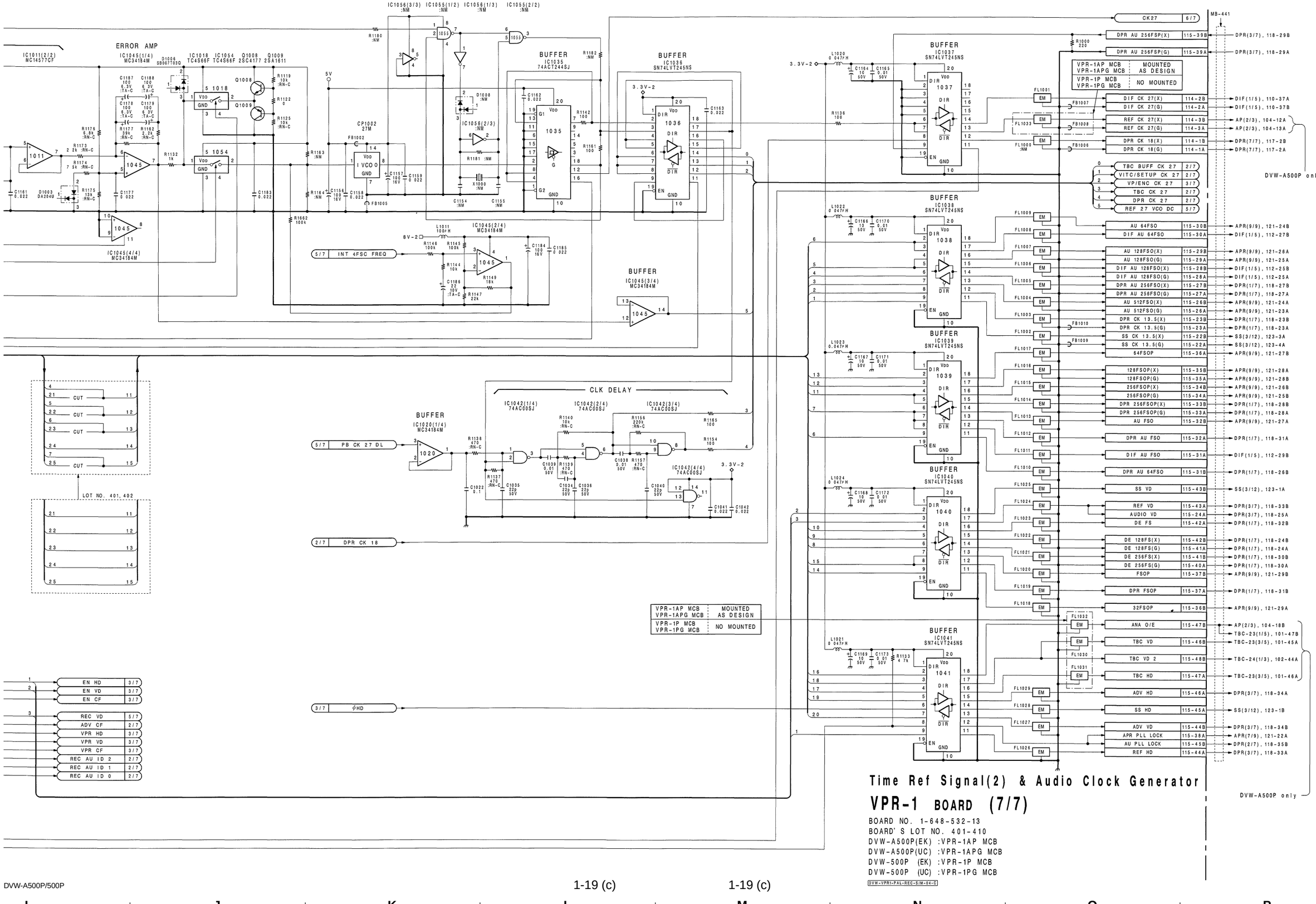
BOARD NO. 1-648-532-13
BOARD'S LOT NO. 401-410
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB

DVW-VPR1-PAL-REC-S/M-04-C

I J K L M N O P

VPR-1 (7/7)


D/A CONVERTER
IC1025 CXD1171M
COMP
IC1030 NJM360M
D/A CONVERTER
IC1031 CXD1171M
COMP
IC1033 NJM360M
DATA SELECTOR
IC1008 SN74HC151ANS
SAMPLE & HOLD
IC1009(3/3) SN74LS221NS
IC1009(1/3) SN74LS221NS
IC1009(2/3) SN74LS221NS
IC1011(1/2) MC14577CF
IC1034 TC4W53FU
LPF
SYNC 3
L;T2 INT
SYNC-BUS
SAWTD-BUS
CLK B
CLK
SYNCNT
D1 HD
NON STD LOCK
D1 LOCK
BURSTEX B
NON STD
Q1013 DTA144EU
D1011 1SS303
D1012 1SS303
AUDIO CLK GEN & PHASE SHIFT
IC1032 CXD8821Q
BUFFER
IC1026 SN74LVT245NS
STATUS DATA
RESET
DD START
DD SCK
MODE DATA
CONT151
SYNC EXI
CRUSH CF
CFG
CLK A
DIF SIG FLAG
DSF
DSF
INHIBIT
IC1050 SN74HC151ANS
11 DELAY
IC1049 TC7S08F
IC1046(1/2) TC7W04FU
IC1043 SN74HC163ANS
LATCH
IC1047(1/3) 74AC74SJ
IC1047(2/3) 74AC74SJ
IC1047(3/3) 74AC74SJ
IC1046(2/2) TC7W04FU
IC1028(2/2) LM2903PS
DELAY
IC1024(3/3) SN74LS221NS
IC1024(1/3) SN74LS221NS
IC1052 TC4W53FU
PHASE COMP
IC1027 CX23065A
IC1029(2/2) MC34182M
CP1001 512FS
IC1024(2/3) SN74LS221NS
IC1028(1/2) LM2903PS
BUFFER
IC1033(1/2) MC34182M
AUDIO VCO DC 5/7
AUDIO PLL LOCK DET
MB-441
DIF(4/5), 110-39A
DPR(3/7), 118-35A
DPR(3/7), 118-25B
DPR CF 0
H PITCH COR
2SA1611 2SC4177 DTA144EU PIN LAYOUT
1SS303 PIN LAYOUT
DA204U PIN LAYOUT
SB007T03Q PIN LAYOUT
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.


ERROR AMP
IC1011(2/2) MC14577CF
IC1045(1/4) MC34184M
IC1018 TC4S66F
IC1054 TC4S66F
Q1008 2SC4177
Q1009 2SA1611
IC1056(3/3) :NM
IC1055(1/2) :NM
IC1056(1/3) :NM
IC1055(2/2) :NM
BUFFER IC1035 74ACT244SJ
BUFFER IC1036 SN74LVT245NS
IC1056(2/3) :NM
CP1002 27M
IC1035 1035 I VCO O
IC1045(2/4) MC34184M
IC1045(4/4) MC34184M
5/7 INT 4FSC FREQ
BUFFER IC1045(3/4) MC34184M
CLK DELAY
IC1042(1/4) 74AC00SJ
IC1042(2/4) 74AC00SJ
IC1042(3/4) 74AC00SJ
IC1042(4/4) 74AC00SJ
IC1020(1/4) MC34184M
3/7 PB CK 27 DL
2/7 DPR CK 18
3/7 ϕHD
CUT
LOT NO. 401, 402
BUFFER IC1037 SN74LVT245NS
BUFFER IC1038 SN74LVT245NS
BUFFER IC1039 SN74LVT245NS
BUFFER IC1040 SN74LVT245NS
BUFFER IC1041 SN74LVT245NS
VPR-1AP MCB / VPR-1APG MCB : MOUNTED AS DESIGN
VPR-1P MCB / VPR-1PG MCB : NO MOUNTED
EN HD 3/7
EN VD 3/7
EN CF 3/7
REC VD 5/7
ADV CF 2/7
VPR HD 3/7
VPR VD 3/7
VPR CF 3/7
REC AU ID 2 2/7
REC AU ID 1 2/7
REC AU ID 0 2/7
CK27 6/7
DPR AU 256FSP(X) 115-39B
DPR AU 256FSP(G) 115-39A
DIF CK 27(X) 114-2B
DIF CK 27(G) 114-2A
REF CK 27(X) 114-3B
REF CK 27(G) 114-3A
DPR CK 18(X) 114-1B
DPR CK 18(G) 114-1A
TBC BUFF CK 27 2/7
VITC/SETUP CK 27 2/7
VP/ENC CK 27 3/7
TBC CK 27 2/7
DPR CK 27 2/7
REF 27 VCO DC 5/7
AU 64FSO 115-30B
DIF AU 64FSO 115-30A
AU 128FSO(X) 115-29B
AU 128FSO(G) 115-29A
DIF AU 128FSO(X) 115-28B
DIF AU 128FSO(G) 115-28A
DPR AU 256FSO(X) 115-27B
DPR AU 256FSO(G) 115-27A
AU 512FSO(X) 115-26B
AU 512FSO(G) 115-26A
DPR CK 13.5(X) 115-23B
DPR CK 13.5(G) 115-23A
SS CK 13.5(X) 115-22B
SS CK 13.5(G) 115-22A
64FSOP 115-36A
128FSOP(X) 115-35B
128FSOP(G) 115-35A
256FSOP(X) 115-34B
256FSOP(G) 115-34A
DPR 256FSOP(X) 115-33B
DPR 256FSOP(G) 115-33A
AU FSO 115-32B
DPR AU FSO 115-32A
DIF AU FSO 115-31A
DPR AU 64FSO 115-31B
SS VD 115-43B
REF VD 115-43A
AUDIO VD 115-24A
DE FS 115-42A
DE 128FS(X) 115-42B
DE 128FS(G) 115-41A
DE 256FS(X) 115-41B
DE 256FS(G) 115-40A
FSOP 115-37B
DPR FSOP 115-37A
32FSOP 115-36B
ANA O/E 115-47B
TBC VD 115-46B
TBC VD 2 115-48B
TBC HD 115-47A
ADV HD 115-46A
SS HD 115-45A
ADV VD 115-44B
APR PLL LOCK 115-38A
AU PLL LOCK 115-45B
REF HD 115-44A
VPR-1AP MCB / VPR-1APG MCB : MOUNTED AS DESIGN
VPR-1P MCB / VPR-1PG MCB : NO MOUNTED
DVW-A500P only
MB-441
DPR(3/7), 118-29B
DPR(3/7), 118-29A
DIF(1/5), 110-37A
DIF(1/5), 110-37B
AP(2/3), 104-12A
AP(2/3), 104-13A
DPR(7/7), 117-2B
DPR(7/7), 117-2A
APR(9/9), 121-24B
DIF(1/5), 112-27B
APR(9/9), 121-26A
APR(9/9), 121-25A
DIF(1/5), 112-25B
DIF(1/5), 112-25A
DPR(1/7), 118-27B
DPR(1/7), 118-27A
APR(9/9), 121-24A
APR(9/9), 121-23A
DPR(1/7), 118-23B
DPR(1/7), 118-23A
SS(3/12), 123-3A
SS(3/12), 123-4A
APR(9/9), 121-27B
APR(9/9), 121-28A
APR(9/9), 121-28B
APR(9/9), 121-26B
APR(9/9), 121-25B
DPR(1/7), 118-28B
DPR(1/7), 118-28A
APR(9/9), 121-27A
DPR(1/7), 118-31A
DIF(1/5), 112-29B
DPR(1/7), 118-26B
SS(3/12), 123-1A
DPR(3/7), 118-33B
DPR(3/7), 118-25A
DPR(1/7), 118-32B
DPR(1/7), 118-24B
DPR(1/7), 118-24A
DPR(1/7), 118-30B
DPR(1/7), 118-30A
APR(9/9), 121-29B
DPR(1/7), 118-31B
APR(9/9), 121-29A
AP(2/3), 104-18B
TBC-23(1/5), 101-47B
TBC-23(3/5), 101-45A
TBC-24(1/3), 102-44A
TBC-23(3/5), 101-46A
DPR(3/7), 118-34A
SS(3/12), 123-1B
DPR(3/7), 118-34B
APR(7/9), 121-22A
DPR(2/7), 118-35B
DPR(3/7), 118-33A
Time Ref Signal(2) & Audio Clock Generator
VPR-1 BOARD (7/7)
BOARD NO. 1-648-532-13
BOARD'S LOT NO. 401-410
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
DVW-500P (UC) :VPR-1PG MCB
DVW-VPR1-PAL-REC-S/M-04-C

※PART LIST FOR LOT NO. 306-308, AND 309(SOME MCB)

ADDRESS	PART DESCRIPTION
E-2	R150 100k :RN-C
E-3	R145 82k :RN-C
E-4	R148 82k :RN-C
	C140 10p 50V
	C141 47p 50V
	C144 15p 50V
E/F-2	L109 2.2μH
	L112 10μH
	L115 8.2μH
	R223 NOTHING

ADDRESS	PART DESCRIPTION
H-2	R191 470
H-3	C167 47 6.3V :AS
J-1	C179 100 16V
	C136 22p 50V
	C137 100p 50V
	C142 33p 50V
E/F-3	L107 4.7μH
	L110 22μH
	L113 18μH
	R226 NOTHING

ADDRESS	PART DESCRIPTION
J-3	C8103 NOTHING
J-4	C8104 NOTHING
K-2	C8102 NOTHING
L-1/2	R224 4.7k RN-C
	R225 10k :RN-C
	R227 4.3k :RN-C
	R228 4.3k :RN-C
L-3/4	R229 4.7k :RN-C
	R230 10k :RN-C
	R231 4.3k :RN-C
	R232 4.3k :RN-C

The Ref.Nos.marked with *** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

VPR-1 BOARD: 1-648-532-12

SB007T03Q PIN LAYOUT

RD?.?MB PIN LAYOUT

2SA1610
2SA1611
2SC4177
PIN LAYOUT

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

REG IC100 TA78L12F
REG IC101 NJM79L05UA
REG IC102 TA78L05F
REG IC103 NJM79L05UA
REG IC110 TA78L05F
BUFFER IC112(1/2) MC34182M
BUFFER IC112(2/2) MC34182M
IC124 TL431CM Q119 2SD1615
IC125 TL431CM
PHASE COMP IC123 NJM380M
IC117(3/3) MC34182M

Y IN TP101 — LPF — CLAMP — CLAMP Y TP104 — BPF — ERROR AMP
R-Y IN TP102 — LPF — CLAMP — CLAMP R-Y TP106 — BPF — ERROR AMP
B-Y IN TP103 — LPF — CLAMP — CLAMP B-Y TP105 — ERROR AMP
SYNC SEPARATOR

MB-441
CP-218, 413-3 113-15B INPUT Y(X)
CP-218, 413-4 113-15A INPUT Y(G)
CP-218, 413-5 113-14B INPUT R-Y(X)
CP-218, 413-6 113-14A INPUT R-Y(G)
CP-218, 413-7 113-13B INPUT B-Y(X)
CP-218, 413-8 113-13A INPUT B-Y(G)

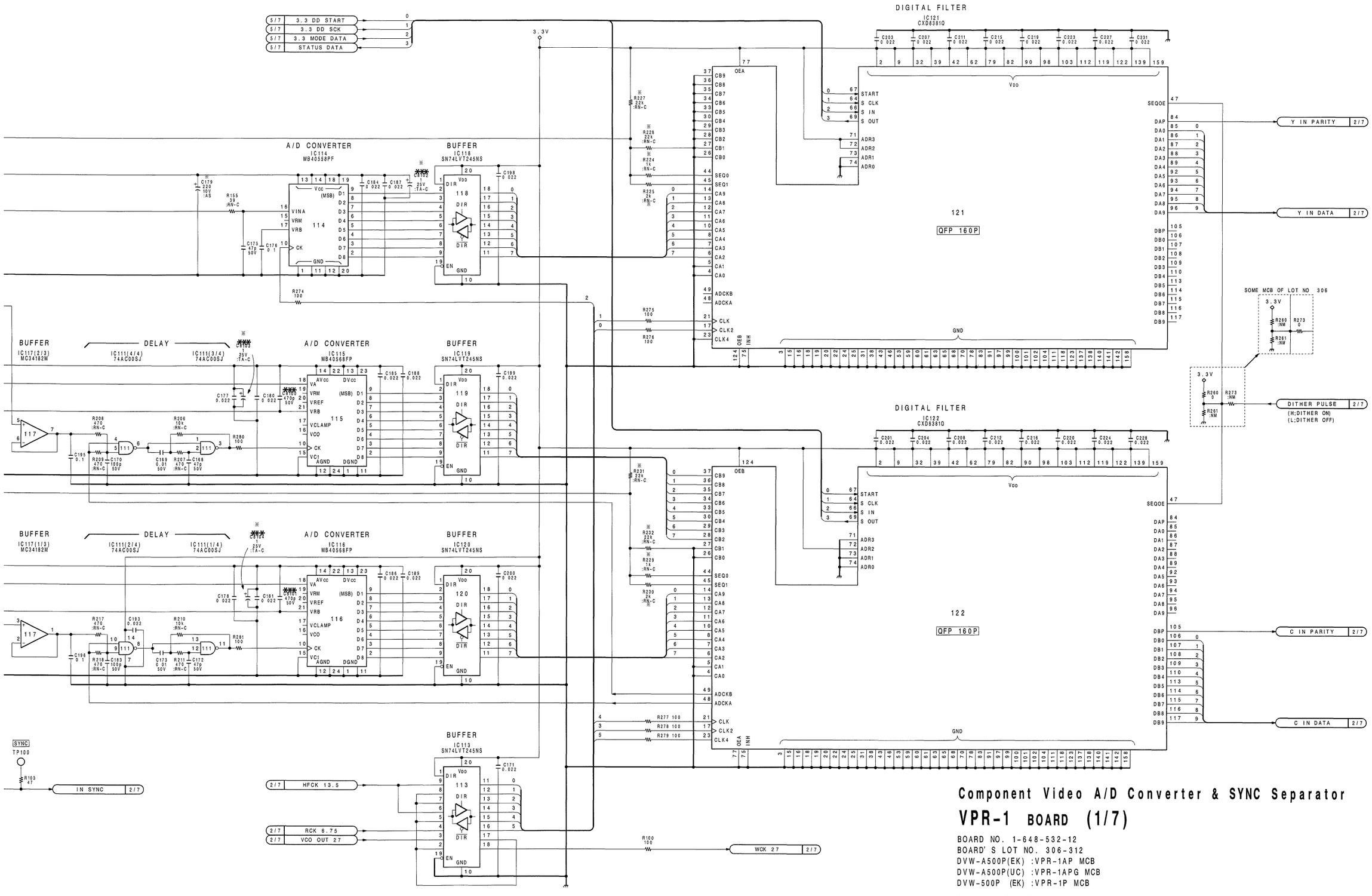
5/7 C 100/75

2/7 Y CLAMP ERROR
2/7 R-Y CLAMP ERROR
5/7 R-Y IN LEVEL
2/7 B-Y CLAMP ERROR
5/7 B-Y IN LEVEL
5/7 Y IN LEVEL
5/7 Y/R-Y IN DELAY
5/7 Y/B-Y IN DELAY
5/7 VIDEO PHASE

1-6 (b) 1-6 (b)

DVW-A500P/500P

VPR-1 (1/7)



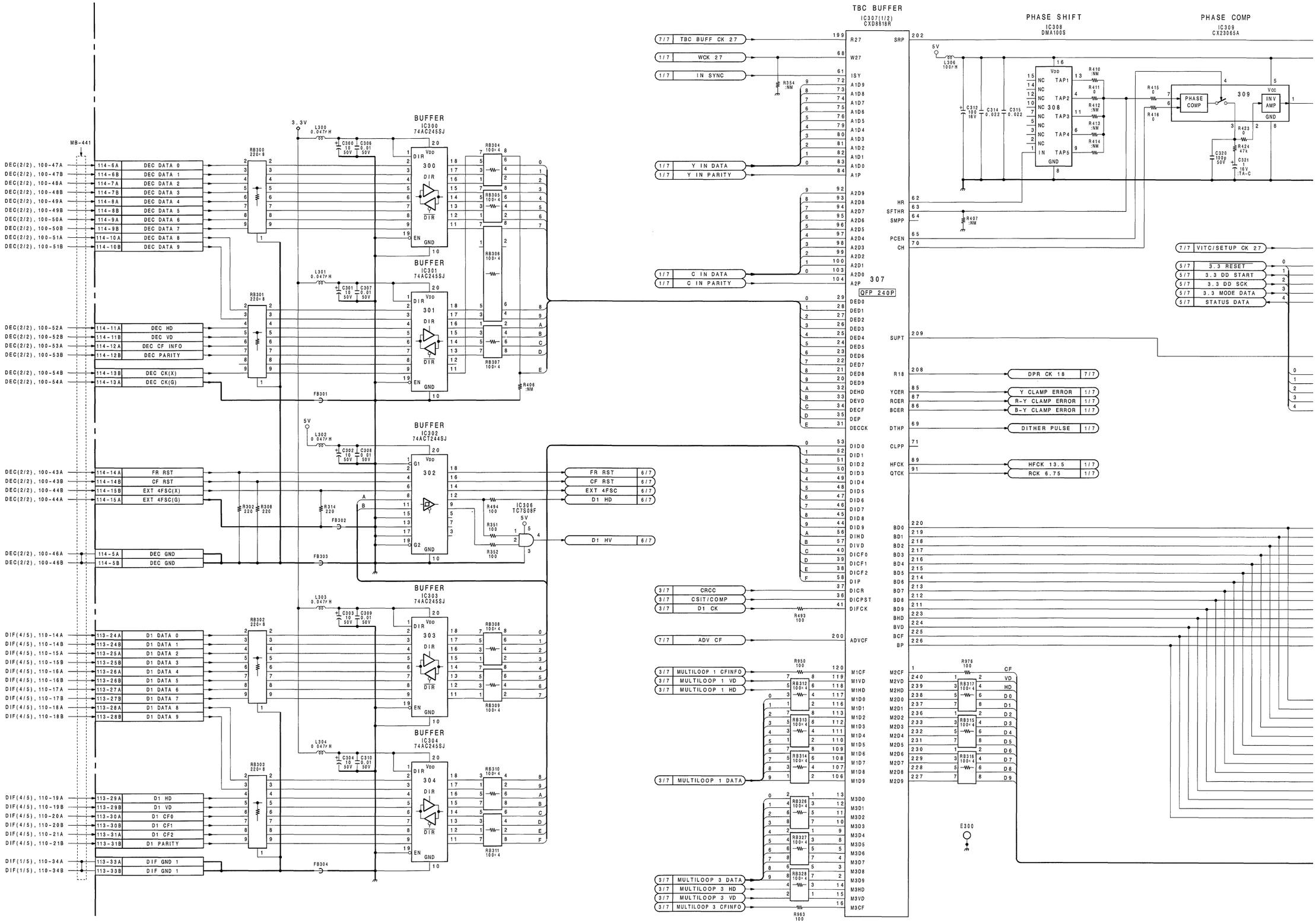
Component Video A/D Converter & SYNC Separator

VPR-1 BOARD (1/7)

BOARD NO. 1-648-532-12
BOARD' S LOT NO. 306-312
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-SYM-04-B

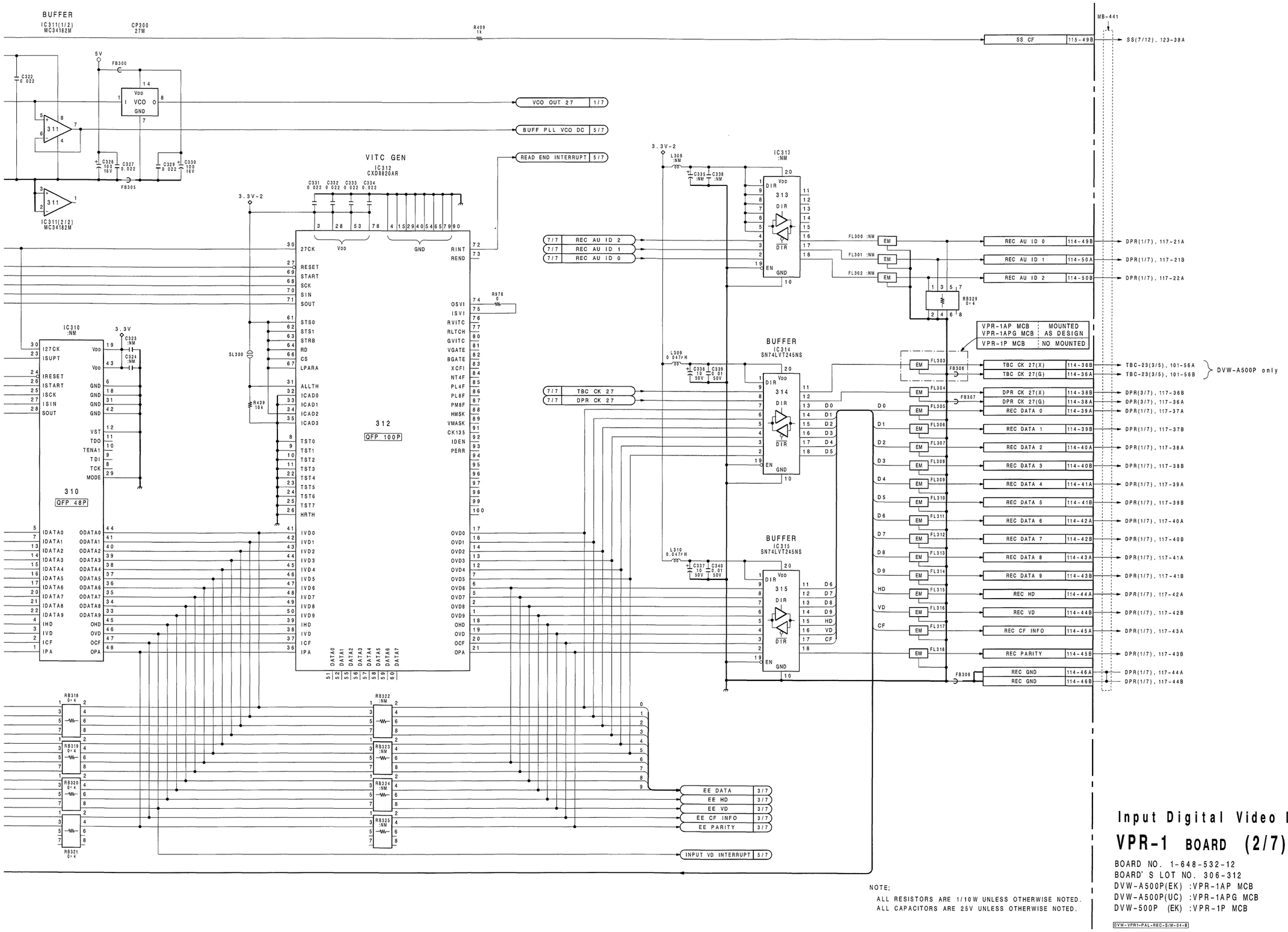
VPR-1 (2/7)



1-8 (b)

1-8 (b)

VPR-1 (2/7)



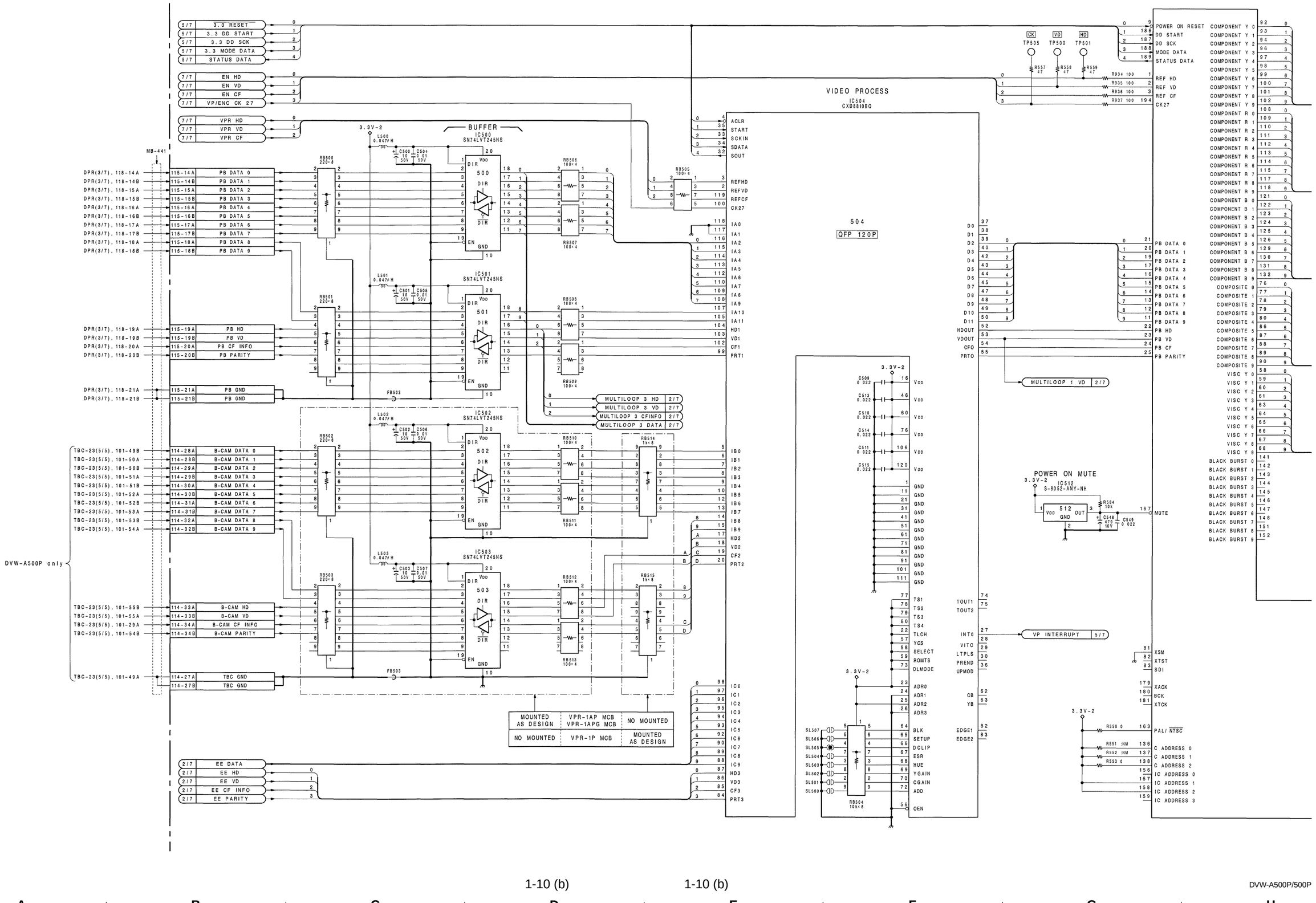
Input Digital Video Data Processor

VPR-1 BOARD (2/7)

BOARD NO. 1-648-532-12
BOARD' S LOT NO. 306-312
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S/M-04-B

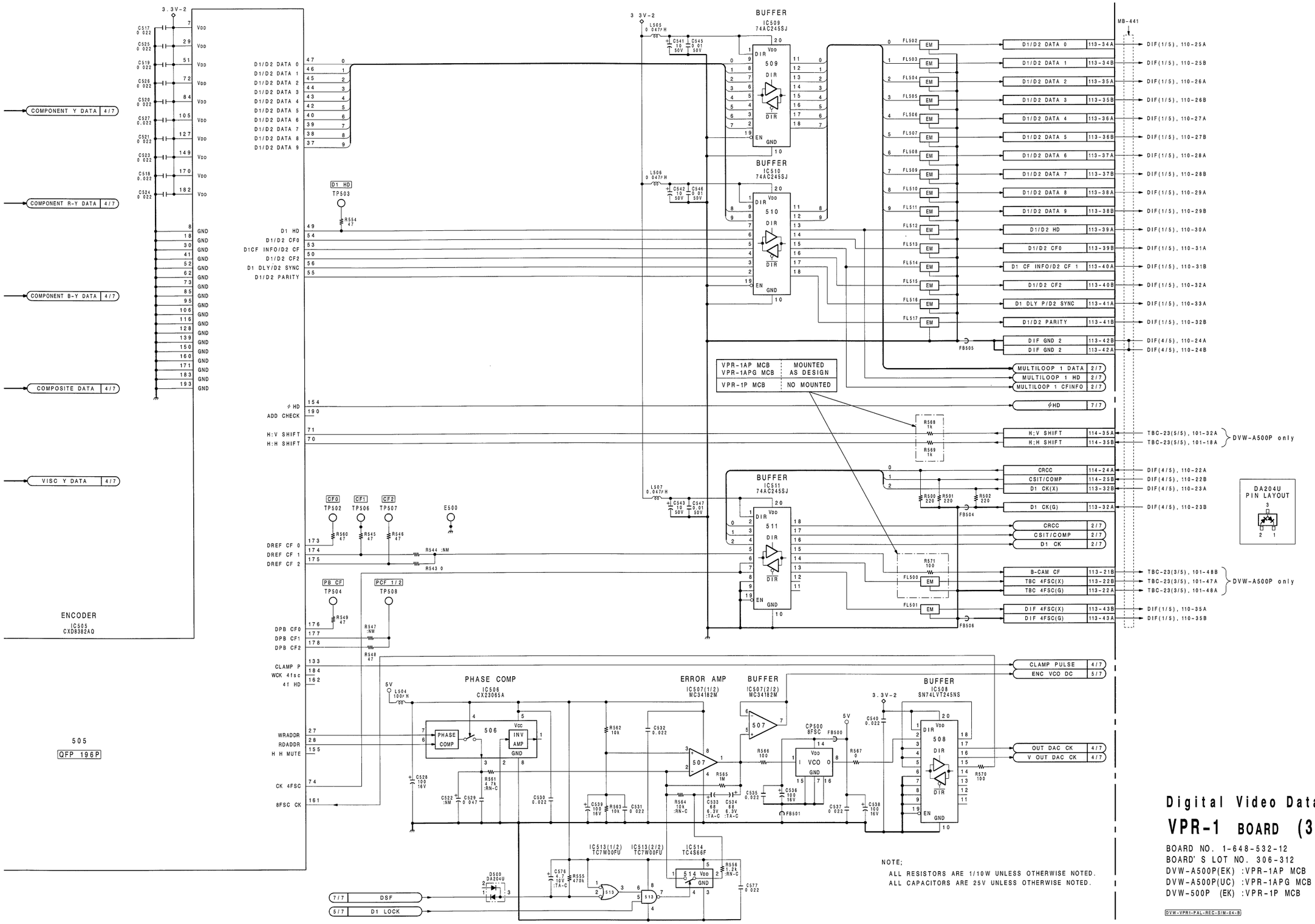
VPR-1 (3/7)



1-10 (b) 1-10 (b)

DVW-A500P/500P

A B C D E F G H



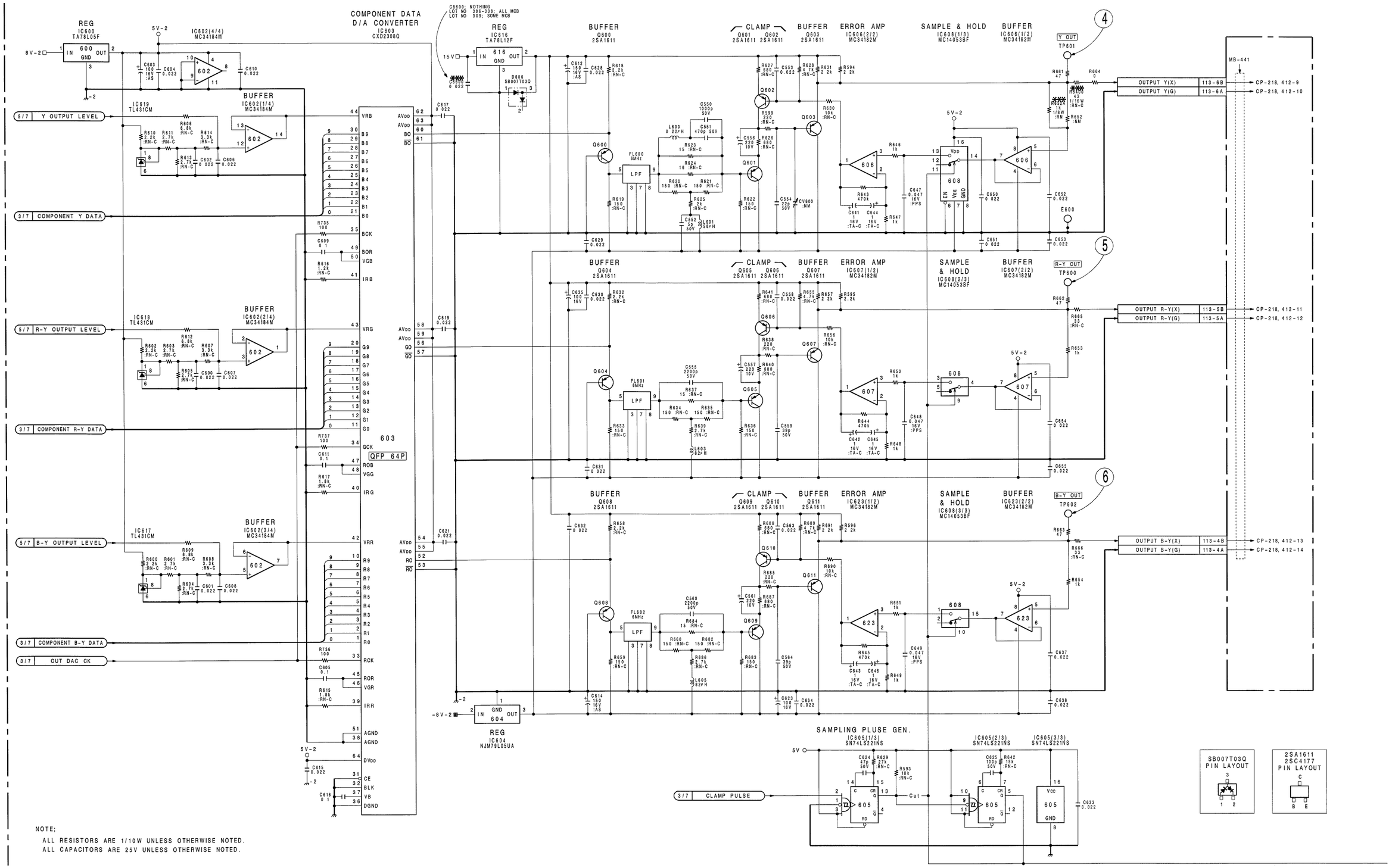
Digital Video Data Encoder

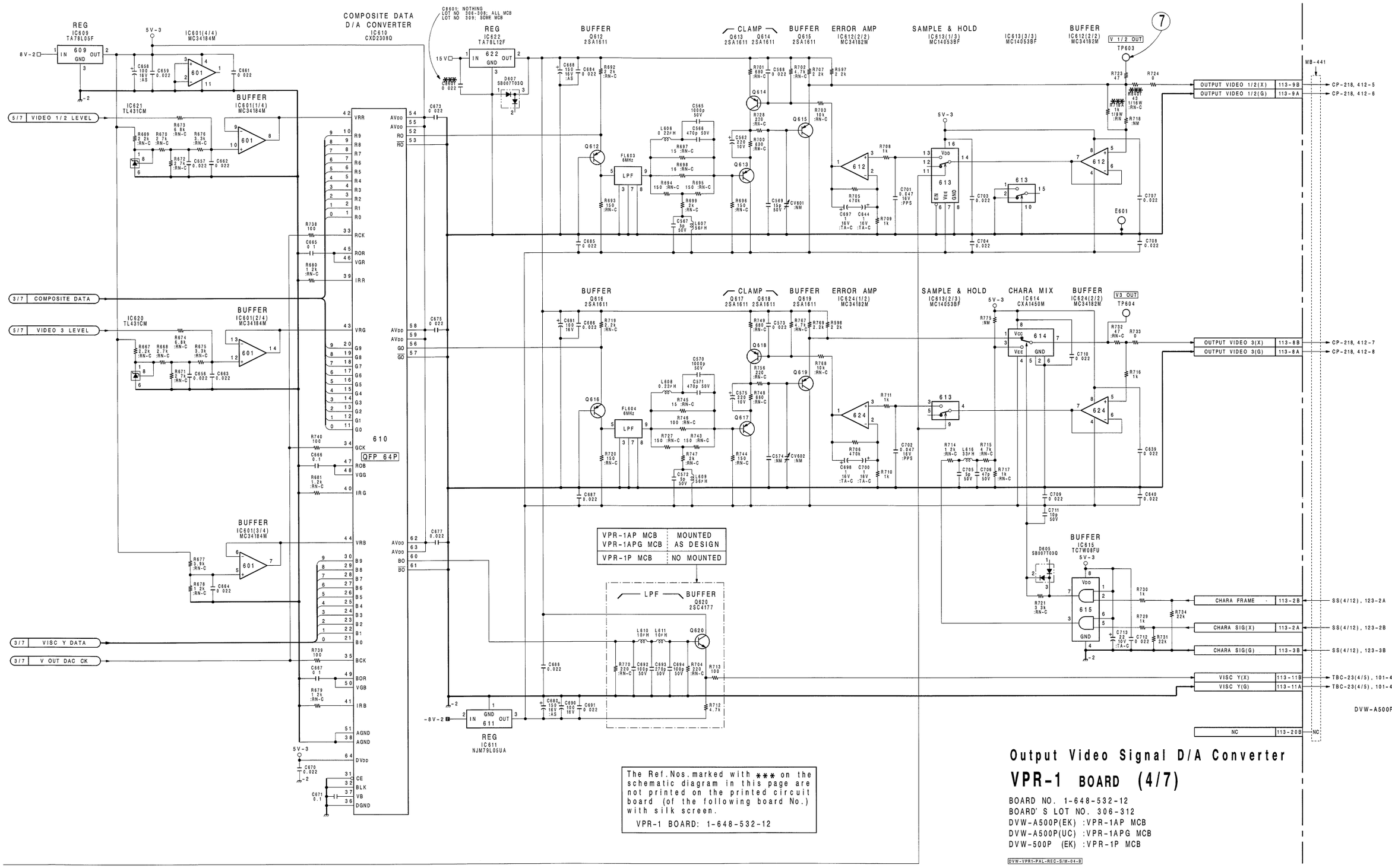
VPR-1 BOARD (3/7)

BOARD NO. 1-648-532-12
BOARD' S LOT NO. 306-312
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S/M-04-B

VPR-1 (4/7)


REG
IC600
TA78L05F
8V-2
5V-2
IC602(4/4)
MC34184M
COMPONENT DATA
D/A CONVERTER
IC603
CXD2308Q
C8800; NOTHING
LOT NO 306-308: ALL MCB
LOT NO 309: SOME MCB
REG
IC616
TA78L12F
15V
D608
SB007T03Q
BUFFER
Q600
2SA1611
CLAMP
Q601 Q602
2SA1611 2SA1611
BUFFER
Q603
2SA1611
ERROR AMP
IC606(2/2)
MC34182M
SAMPLE & HOLD
IC608(1/3)
MC14053BF
BUFFER
IC606(1/2)
MC34182M
Y OUT
TP601
4
MB-441
OUTPUT Y(X) 113-6B
OUTPUT Y(G) 113-6A
CP-218, 412-9
CP-218, 412-10
IC619
TL431CM
BUFFER
IC602(1/4)
MC34184M
5/7 Y OUTPUT LEVEL
3/7 COMPONENT Y DATA
FL600
6MHz
LPF
L600
L601
CV600
E600
BUFFER
Q604
2SA1611
CLAMP
Q605 Q606
2SA1611 2SA1611
BUFFER
Q607
2SA1611
ERROR AMP
IC607(1/2)
MC34182M
SAMPLE & HOLD
IC608(2/3)
MC14053BF
BUFFER
IC607(2/2)
MC34182M
R-Y OUT
TP600
5
OUTPUT R-Y(X) 113-5B
OUTPUT R-Y(G) 113-5A
CP-218, 412-11
CP-218, 412-12
IC618
TL431CM
BUFFER
IC602(2/4)
MC34184M
5/7 R-Y OUTPUT LEVEL
3/7 COMPONENT R-Y DATA
FL601
6MHz
LPF
L602
L603
603
QFP 64P
BUFFER
Q608
2SA1611
CLAMP
Q609 Q610
2SA1611 2SA1611
BUFFER
Q611
2SA1611
ERROR AMP
IC623(1/2)
MC34182M
SAMPLE & HOLD
IC608(3/3)
MC14053BF
BUFFER
IC623(2/2)
MC34182M
B-Y OUT
TP602
6
OUTPUT B-Y(X) 113-4B
OUTPUT B-Y(G) 113-4A
CP-218, 412-13
CP-218, 412-14
IC617
TL431CM
BUFFER
IC602(3/4)
MC34184M
5/7 B-Y OUTPUT LEVEL
3/7 COMPONENT B-Y DATA
3/7 OUT DAC CK
FL602
6MHz
LPF
L604
L605
REG
IC604
NJM79L05UA
-8V-2
SAMPLING PLUSE GEN.
IC605(1/3)
SN74LS221NS
IC605(2/3)
SN74LS221NS
IC605(3/3)
SN74LS221NS
5V
3/7 CLAMP PULSE
SB007T03Q
PIN LAYOUT
2SA1611
2SC4177
PIN LAYOUT
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



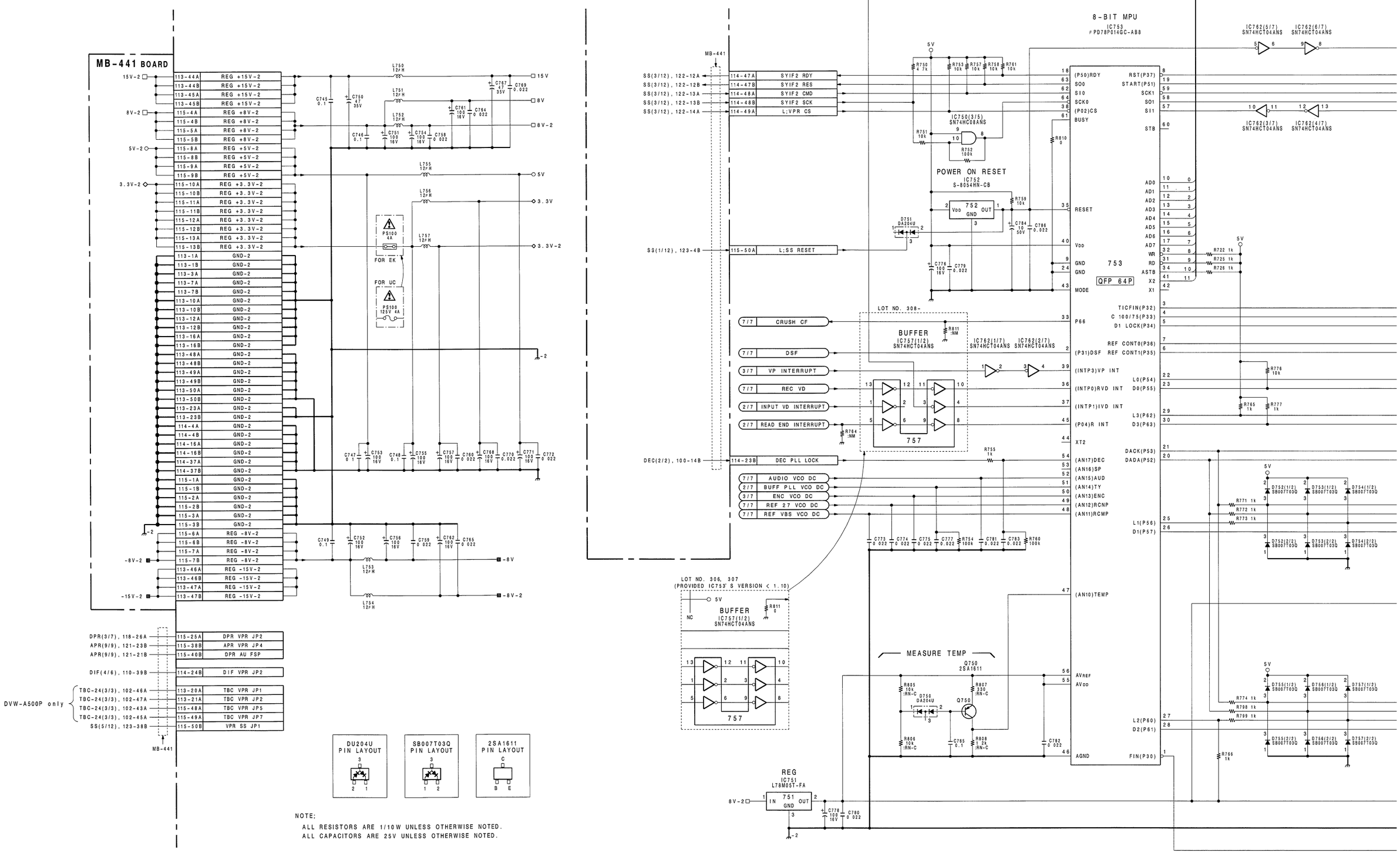
Output Video Signal D/A Converter

VPR-1 BOARD (4/7)

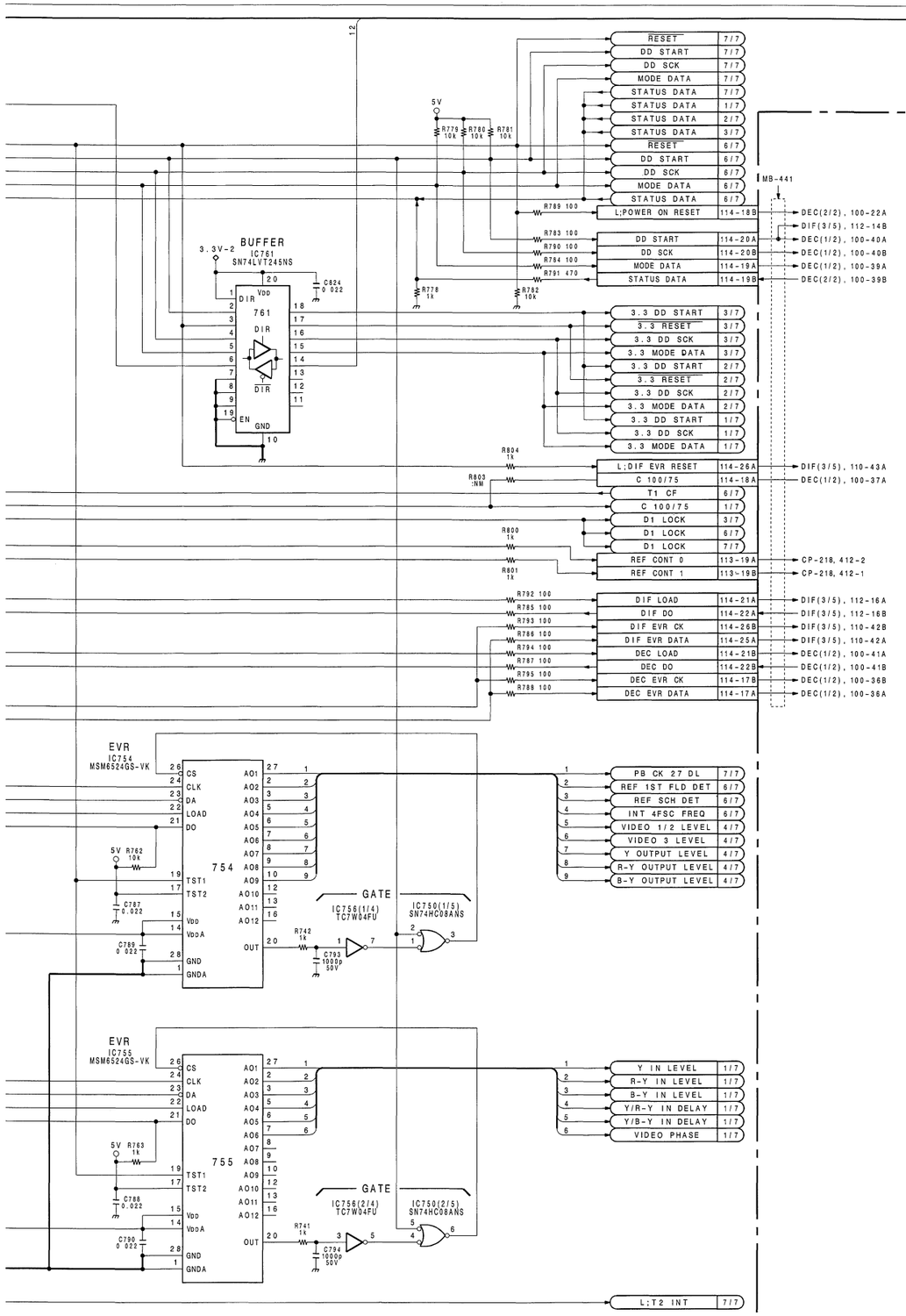
BOARD NO. 1-648-532-12
BOARD' S LOT NO. 306-312
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

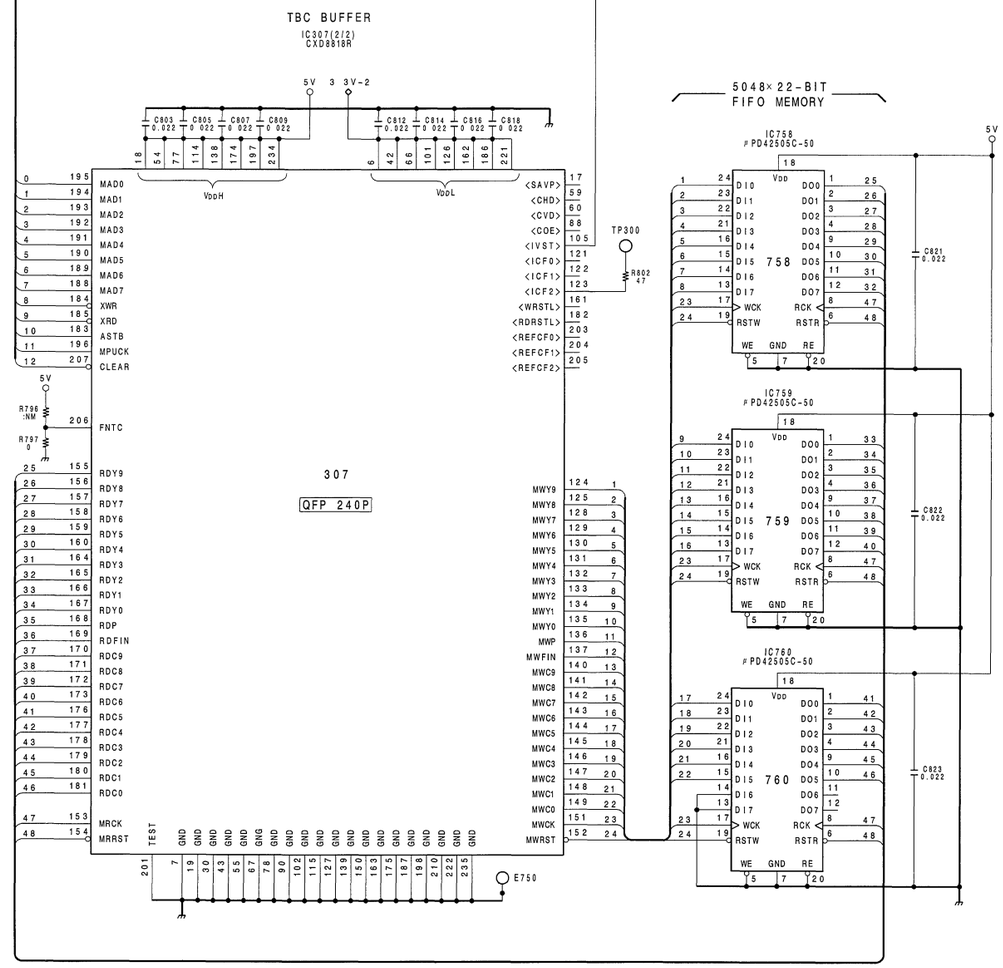
DVW-VPR1-PAL-REC-S/M-04-8

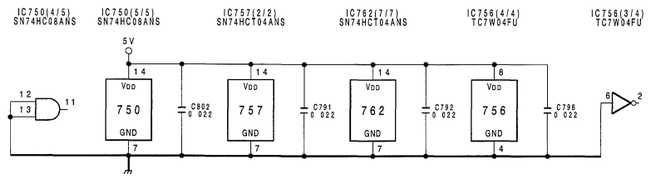
VPR-1 (5/7)


MB-441 BOARD
REG +15V-2
REG +8V-2
REG +5V-2
REG +3.3V-2
GND-2
REG -8V-2
REG -15V-2
DPR VPR JP2
APR VPR JP4
DPR AU FSP
DIF VPR JP2
TBC VPR JP1
TBC VPR JP2
TBC VPR JP5
TBC VPR JP7
VPR SS JP1
DVW-A500P only
FOR EK
FOR UC
PS100 4A
PS100 125V 4A
DU204U PIN LAYOUT
SB007T03Q PIN LAYOUT
2SA1611 PIN LAYOUT
MB-441
8-BIT MPU
IC753 μPD78P014GC-AB8
POWER ON RESET
IC752 S-8054HN-CB
BUFFER IC757(1/2) SN74HCT04ANS
REG IC751 L78M05T-FA
MEASURE TEMP
Q750 2SA1611
D751 DA204U
LOT NO. 308-
LOT NO. 306, 307 (PROVIDED IC753'S VERSION < 1.10)
SYIF2 RDY
SYIF2 RES
SYIF2 CMD
SYIF2 SCK
L;VPR CS
L;SS RESET
CRUSH CF
DSF
VP INTERRUPT
REC VD
INPUT VD INTERRUPT
READ END INTERRUPT
DEC PLL LOCK
AUDIO VCO DC
BUFF PLL VCO DC
ENC VCO DC
REF 27 VCO DC
REF VBS VCO DC
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

1-14 (b)







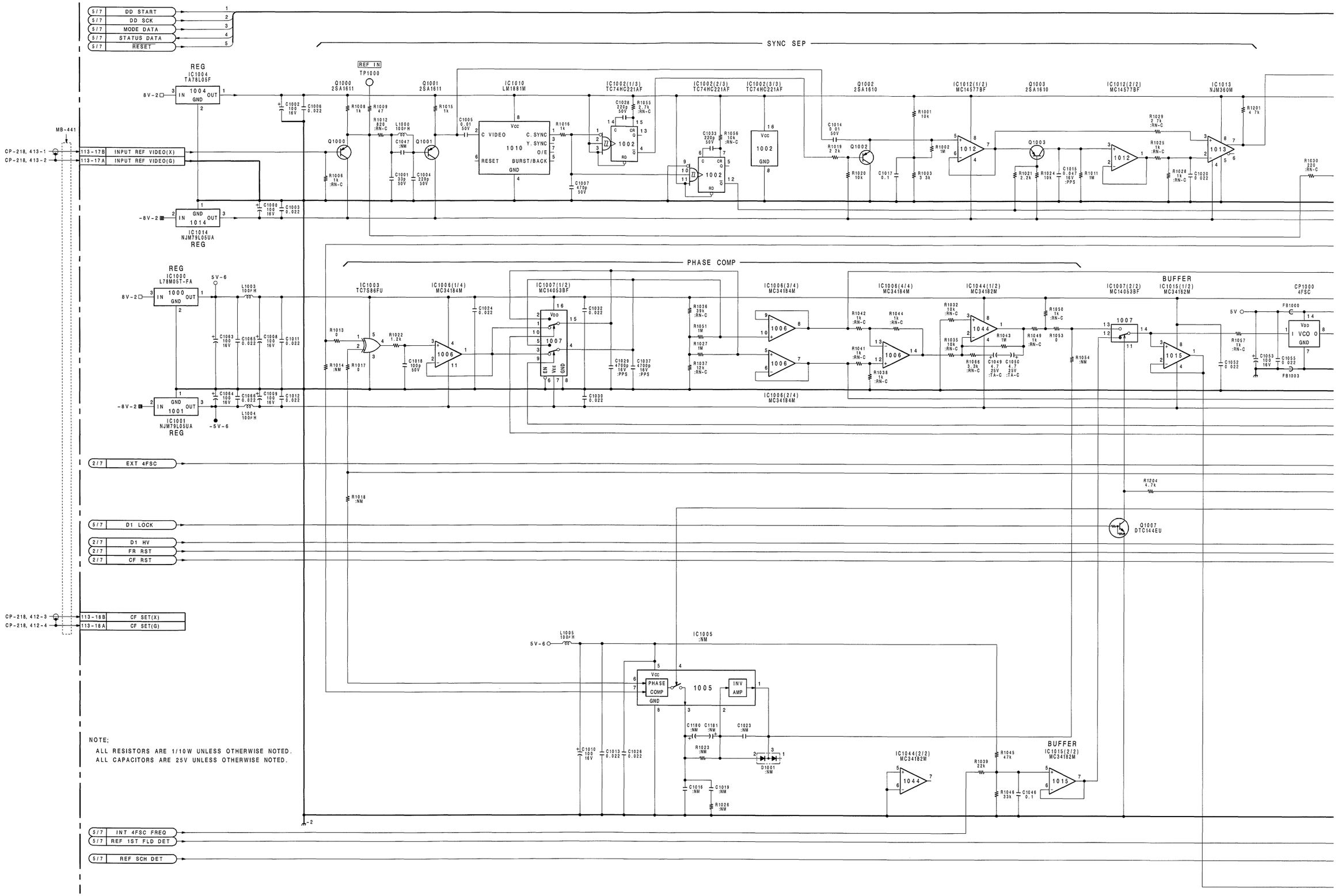
Video Process Control

VPR-1 BOARD (5/7)

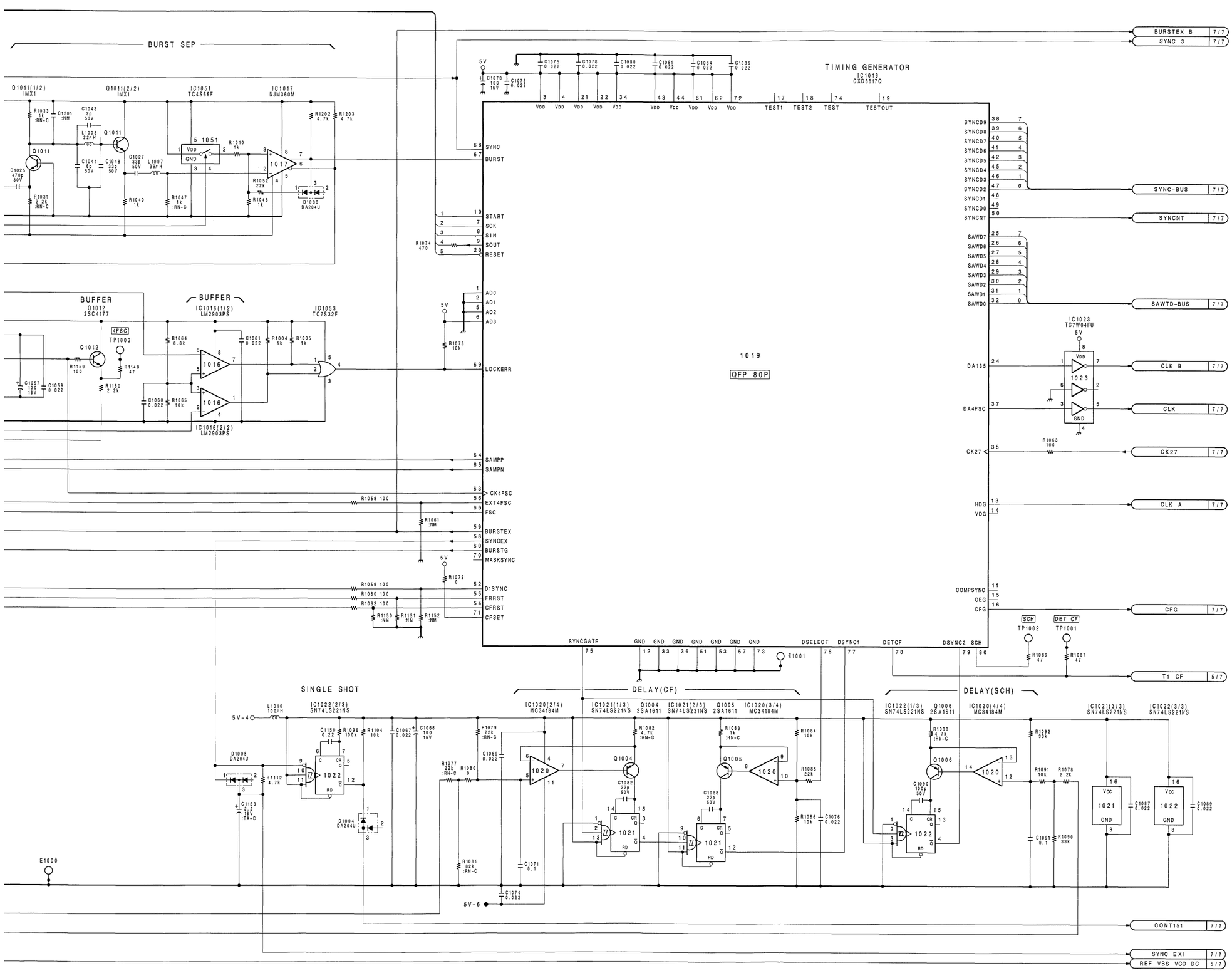
BOARD NO. 1-648-532-12
BOARD' S LOT NO. 306-312
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S(M-04-B)

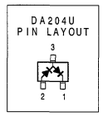
VPR-1 (6/7)


5/7 DD START
5/7 DD SCK
5/7 MODE DATA
5/7 STATUS DATA
5/7 RESET
SYNC SEP
REG
IC1004
TA78L05F
8V-2
REF IN
TP1000
Q1000
2SA1611
Q1001
2SA1611
IC1010
LM1881M
IC1002(1/3)
TC74HC221AF
IC1002(2/3)
TC74HC221AF
IC1002(3/3)
TC74HC221AF
Q1002
2SA1610
IC1012(1/2)
MC14577BF
Q1003
2SA1610
IC1012(2/2)
MC14577BF
IC1013
NJM360M
MB-441
CP-218, 413-1
CP-218, 413-2
113-17B INPUT REF VIDEO(X)
113-17A INPUT REF VIDEO(G)
-8V-2
IC1014
NJM79L05UA
REG
PHASE COMP
REG
IC1000
L78M05T-FA
5V-6
IC1003
TC7S86FU
IC1006(1/4)
MC34184M
IC1007(1/2)
MC14053BF
IC1006(3/4)
MC34184M
IC1006(4/4)
MC34184M
IC1044(1/2)
MC34182M
BUFFER
IC1015(1/2)
MC34182M
IC1007(2/2)
MC14053BF
CP1000
4FSC
IC1001
NJM79L05UA
REG
-5V-6
2/7 EXT 4FSC
R1018
:NM
R1204
4.7k
Q1007
DTC144EU
5/7 D1 LOCK
2/7 D1 HV
2/7 FR RST
2/7 CF RST
CP-218, 412-3
CP-218, 412-4
113-18B CF SET(X)
113-18A CF SET(G)
L1005
100uH
IC1005
:NM
PHASE
COMP
INV
AMP
1005
D1001
:NM
BUFFER
IC1015(2/2)
MC34182M
IC1044(2/2)
MC34182M
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
5/7 INT 4FSC FREQ
5/7 REF 1ST FLD DET
5/7 REF SCH DET

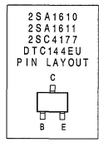
1-16 (b)



DA204U PIN LAYOUT



2SA1610
2SA1611
2SC4177
DTC144EU
PIN LAYOUT



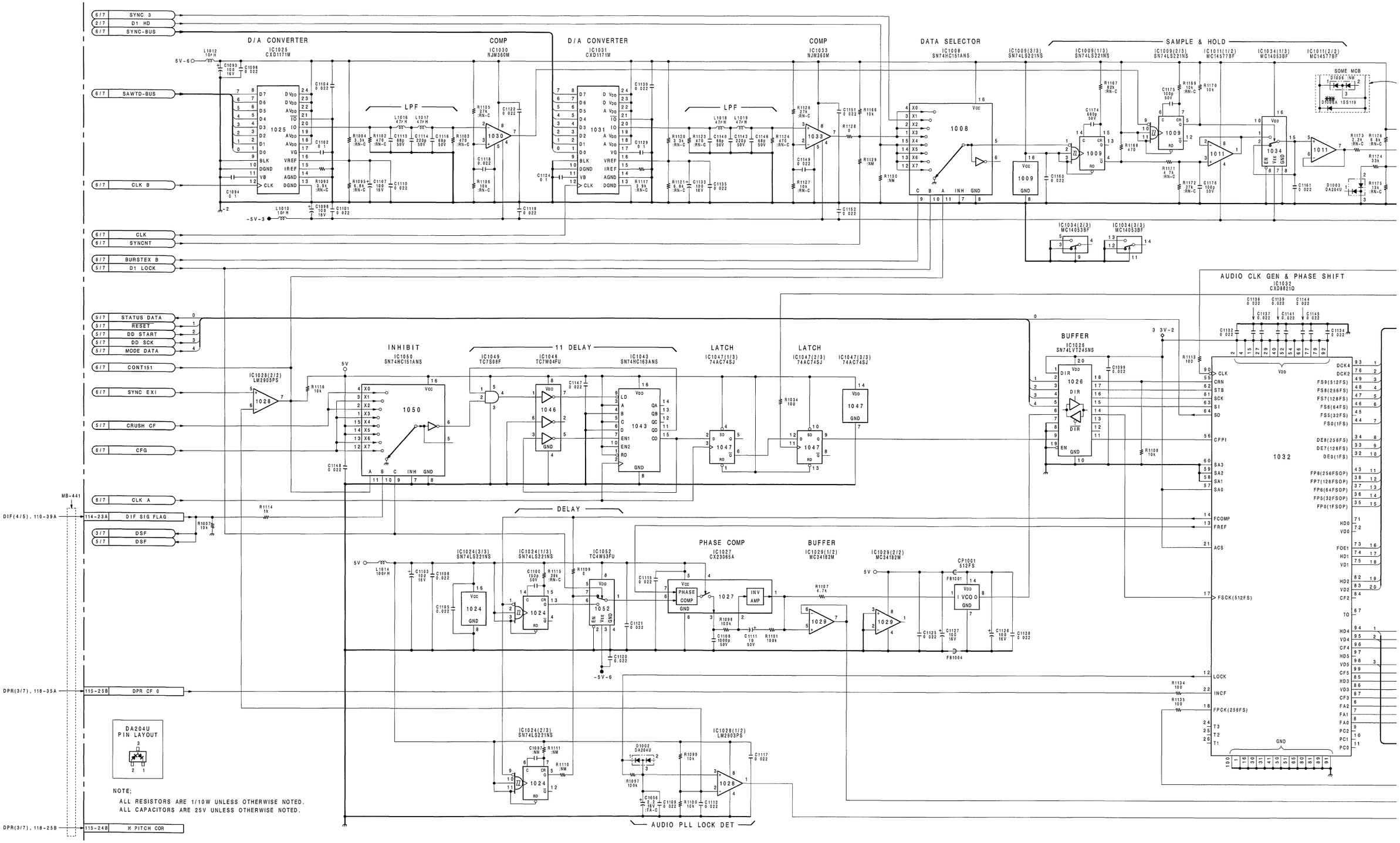
Time Ref Signal(1)

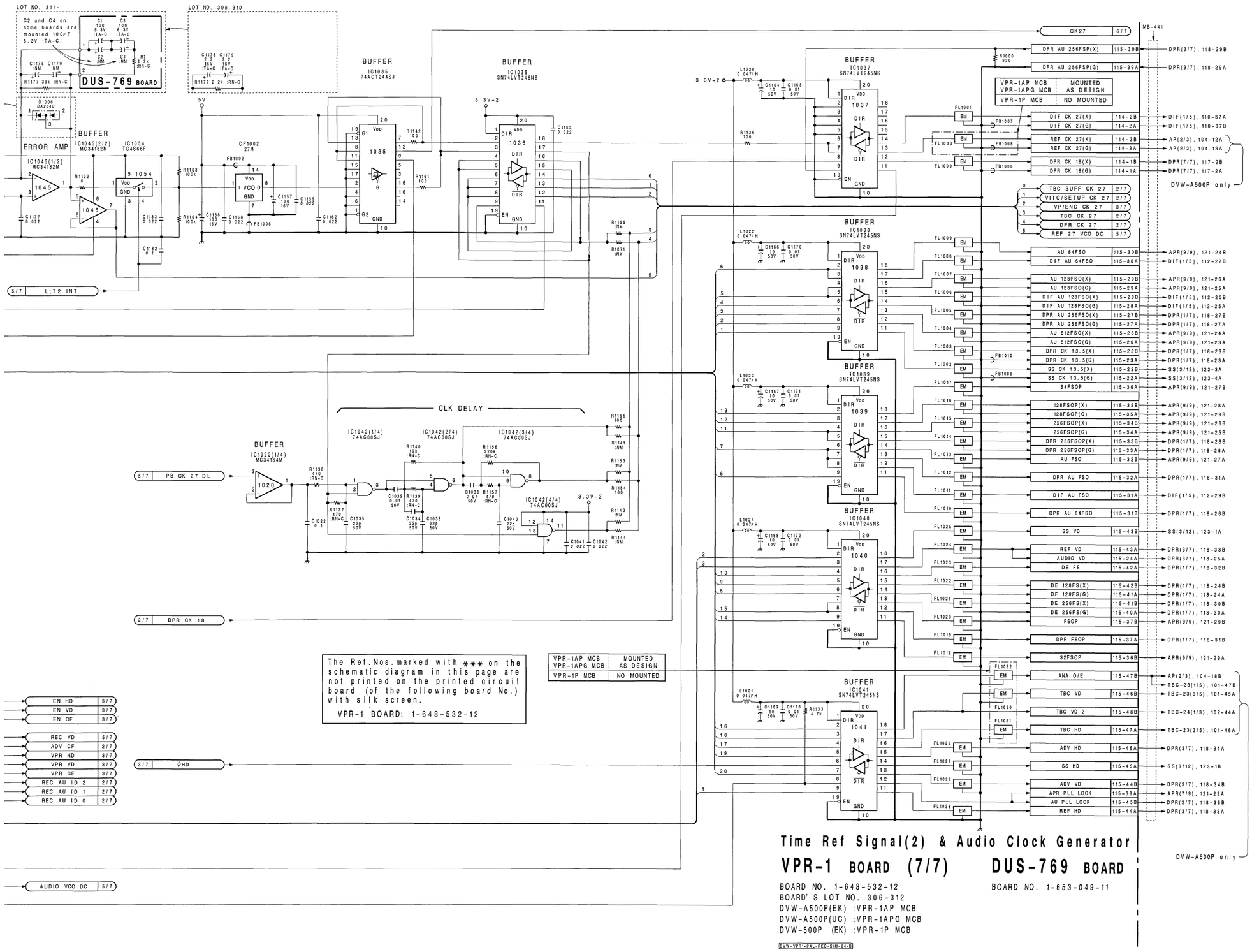
VPR-1 BOARD (6/7)

BOARD NO. 1-648-532-12
BOARD' S LOT NO. 306-312
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S/M-04-B

I J K L M N O P


6/7 SYNC 3
2/7 D1 HD
6/7 SYNC-BUS
6/7 SAWTD-BUS
6/7 CLK B
6/7 CLK
6/7 SYNCNT
6/7 BURSTEX B
5/7 D1 LOCK
5/7 STATUS DATA
5/7 RESET
5/7 DD START
5/7 DD SCK
5/7 MODE DATA
6/7 CONT151
6/7 SYNC EXI
5/7 CRUSH CF
6/7 CFG
6/7 CLK A
114-23A DIF SIG FLAG
3/7 DSF
5/7 DSF
115-25B DPR CF 0
115-24B H PITCH COR
DIF(4/5), 110-39A
DPR(3/7), 118-35A
DPR(3/7), 118-25B
MB-441
D/A CONVERTER
IC1025 CXD1171M
COMP
IC1030 NJM360M
D/A CONVERTER
IC1031 CXD1171M
COMP
IC1033 NJM360M
DATA SELECTOR
IC1008 SN74HC151ANS
IC1008(3/3) SN74LS221NS
IC1009(1/3) SN74LS221NS
SAMPLE & HOLD
IC1009(2/3) SN74LS221NS
IC1011(1/2) MC14577BF
IC1034(1/3) MC14053BF
IC1011(2/2) MC14577BF
SOME MCB
LPF
IC1034(2/3) MC14053BF
IC1034(3/3) MC14053BF
AUDIO CLK GEN & PHASE SHIFT
IC1032 CX08821Q
BUFFER
IC1026 SN74LVT245NS
INHIBIT
IC1050 SN74HC151ANS
IC1028(2/2) LM2903PS
11 DELAY
IC1049 TC7S08F
IC1046 TC7W04FU
IC1043 SN74HC163ANS
LATCH
IC1047(1/3) 74AC74SJ
LATCH
IC1047(2/3) 74AC74SJ
IC1047(3/3) 74AC74SJ
DELAY
IC1024(3/3) SN74LS221NS
IC1024(1/3) SN74LS221NS
IC1052 TC4W53FU
PHASE COMP
IC1027 CX23065A
BUFFER
IC1029(1/2) MC34182M
IC1029(2/2) MC34182M
CP1001 512FS
IC1024(2/3) SN74LS221NS
IC1028(1/2) LM2903PS
AUDIO PLL LOCK DET
DA204U PIN LAYOUT
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
CLK
CRN
STB
SCK
SI
SO
CFPI
SA3
SA2
SA1
SA0
FCOMP
FREF
ACS
FSCK(512FS)
LOCK
INCF
FPCK(256FS)
T3
T2
T1
DCK4
DCK2
FS9(512FS)
FS8(256FS)
FS7(128FS)
FS6(64FS)
FS5(32FS)
FS0(1FS)
DE8(256FS)
DE7(128FS)
DE0(1FS)
FP8(256FSOP)
FP7(128FSOP)
FP6(64FSOP)
FP5(32FSOP)
FP0(1FSOP)
HD0
VD0
FOE1
HD1
VD1
HD2
VD2
CF2
TO
HD4
VD4
CF4
HD5
VD5
CF5
HD3
VD3
CF3
FA2
FA1
FA0
PC2
PC1
PC0
1032


LOT NO. 311-
C2 and C4 on some boards are mounted 100PF 6.3V :TA-C.
DUS-769 BOARD
LOT NO. 306-310
BUFFER IC1035 74ACT244SJ
BUFFER IC1038 SN74LVT245NS
BUFFER IC1037 SN74LVT245NS
BUFFER IC1038 SN74LVT245NS
BUFFER IC1039 SN74LVT245NS
BUFFER IC1040 SN74LVT245NS
BUFFER IC1041 SN74LVT245NS
ERROR AMP
IC1045(2/2) MC34182M
IC1045(1/2) MC34182M
IC1054 TC4S66F
BUFFER IC1020(1/4) MC34184M
IC1042(1/4) 74AC00SJ
IC1042(2/4) 74AC00SJ
IC1042(3/4) 74AC00SJ
IC1042(4/4) 74AC00SJ
CLK DELAY
5/7 L;T2 INT
3/7 PB CK 27 DL
2/7 DPR CK 18
3/7 φHD
EN HD 3/7
EN VD 3/7
EN CF 3/7
REC VD 5/7
ADV CF 2/7
VPR HD 3/7
VPR VD 3/7
VPR CF 3/7
REC AU ID 2 2/7
REC AU ID 1 2/7
REC AU ID 0 2/7
AUDIO VCO DC 5/7
CK27 6/7
DPR AU 256FSP(X) 115-39B
DPR AU 256FSP(G) 115-39A
DIF CK 27(X) 114-2B
DIF CK 27(G) 114-2A
REF CK 27(X) 114-3B
REF CK 27(G) 114-3A
DPR CK 18(X) 114-1B
DPR CK 18(G) 114-1A
TBC BUFF CK 27 2/7
VITC/SETUP CK 27 2/7
VP/ENC CK 27 3/7
TBC CK 27 2/7
DPR CK 27 2/7
REF 27 VCO DC 5/7
AU 64FSO 115-30B
DIF AU 64FSO 115-30A
AU 128FSO(X) 115-29B
AU 128FSO(G) 115-29A
DIF AU 128FSO(X) 115-28B
DIF AU 128FSO(G) 115-28A
DPR AU 256FSO(X) 115-27B
DPR AU 256FSO(G) 115-27A
AU 512FSO(X) 115-26B
AU 512FSO(G) 115-26A
DPR CK 13.5(X) 115-23B
DPR CK 13.5(G) 115-23A
SS CK 13.5(X) 115-22B
SS CK 13.5(G) 115-22A
64FSOP 115-36A
128FSOP(X) 115-35B
128FSOP(G) 115-35A
256FSOP(X) 115-34B
256FSOP(G) 115-34A
DPR 256FSOP(X) 115-33B
DPR 256FSOP(G) 115-33A
AU FSO 115-32B
DPR AU FSO 115-32A
DIF AU FSO 115-31A
DPR AU 64FSO 115-31B
SS VD 115-43B
REF VD 115-43A
AUDIO VD 115-24A
DE FS 115-42A
DE 128FS(X) 115-42B
DE 128FS(G) 115-41A
DE 256FS(X) 115-41B
DE 256FS(G) 115-40A
FSOP 115-37B
DPR FSOP 115-37A
32FSOP 115-36B
ANA O/E 115-47B
TBC VD 115-46B
TBC VD 2 115-48B
TBC HD 115-47A
ADV HD 115-46A
SS HD 115-45A
ADV VD 115-44B
APR PLL LOCK 115-38A
AU PLL LOCK 115-45B
REF HD 115-44A
VPR-1AP MCB / VPR-1APG MCB MOUNTED AS DESIGN
VPR-1P MCB NO MOUNTED
DVW-A500P only
The Ref.Nos.marked with *** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
VPR-1 BOARD: 1-648-532-12
Time Ref Signal(2) & Audio Clock Generator
VPR-1 BOARD (7/7)
DUS-769 BOARD
BOARD NO. 1-648-532-12
BOARD' S LOT NO. 306-312
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB
BOARD NO. 1-653-049-11
DVW-VPR1-PAL-REC-S/M-04-B

I J K L M N O P

VPR-1 (1/7)

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

SB007T03Q PIN LAYOUT
RD?.?MB PIN LAYOUT
2SA1610 2SA1611 2SC4177 PIN LAYOUT

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
VPR-1 BOARD: 1-648-532-11

MB-441
CP-218, 413-3 113-15B INPUT Y(X)
CP-218, 413-4 113-15A INPUT Y(G)
CP-218, 413-5 113-14B INPUT R-Y(X)
CP-218, 413-6 113-14A INPUT R-Y(G)
CP-218, 413-7 113-13B INPUT B-Y(X)
CP-218, 413-8 113-13A INPUT B-Y(G)
5/7 C 100/75

REG IC100 TA78L12F 15V
REG IC101 NJM79L05UA -8V
REG IC102 TA78L05F 8V
REG IC103 NJM79L05UA -5V
REG IC110 TA78L05F 8V

Y IN TP101 — LPF — CLAMP — CLAMP Y TP104 — BPF — ERROR AMP
R-Y IN TP102 — LPF — CLAMP — CLAMP R-Y TP106 — BPF — ERROR AMP
B-Y IN TP103 — LPF — CLAMP — CLAMP B-Y TP105 — ERROR AMP
SYNC SEPARATOR — PHASE COMP — BUFFER

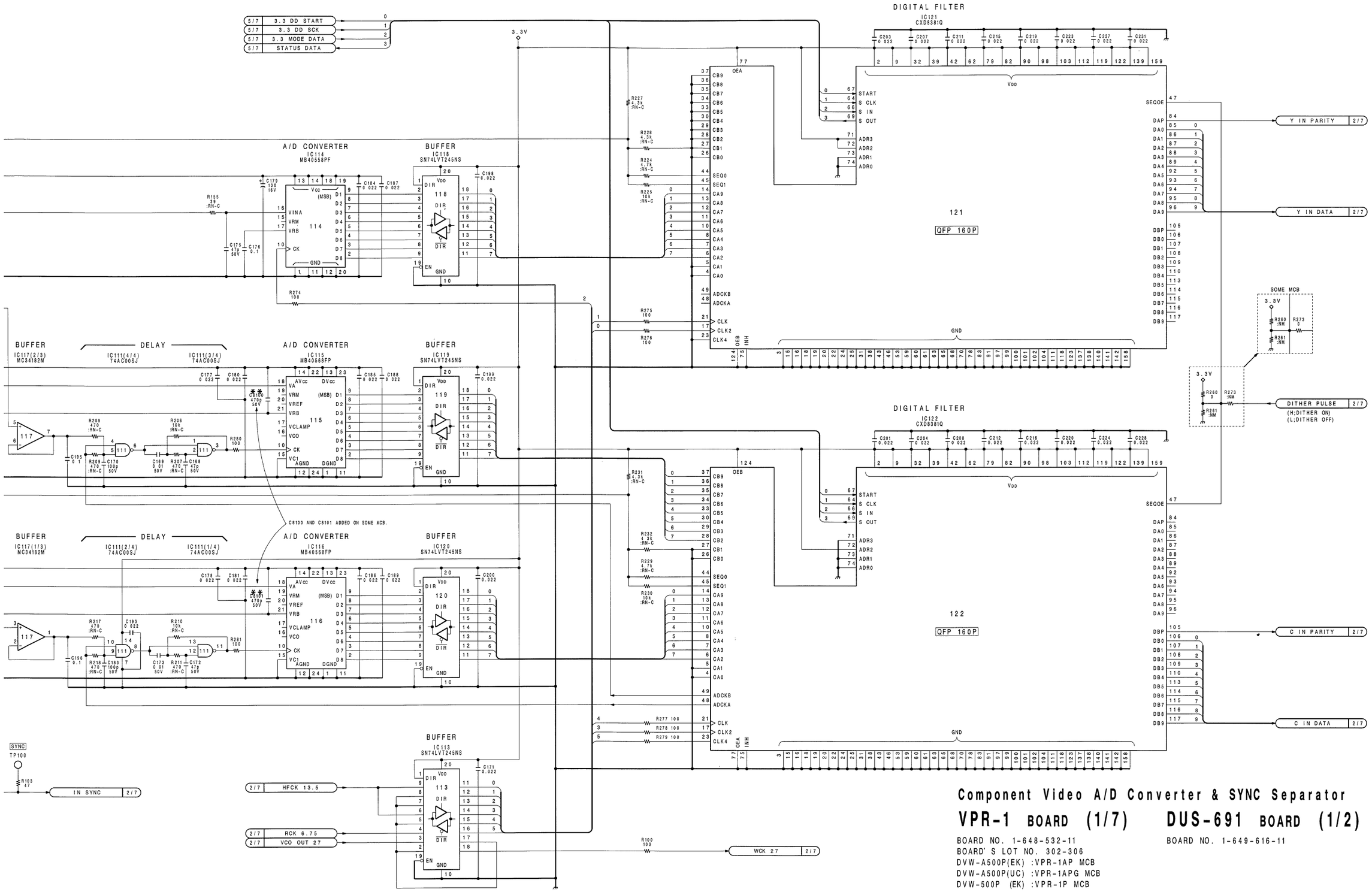
2/7 Y CLAMP ERROR
5/7 Y IN LEVEL
5/7 Y/R-Y IN DELAY
5/7 Y/B-Y IN DELAY
2/7 R-Y CLAMP ERROR
5/7 R-Y IN LEVEL
5/7 B-Y IN LEVEL
2/7 B-Y CLAMP ERROR
5/7 VIDEO PHASE

DUS-691 (1/2)

1-6 (a) 1-6 (a)

DVW-A500P/500P

A B C D E F G H



Component Video A/D Converter & SYNC Separator

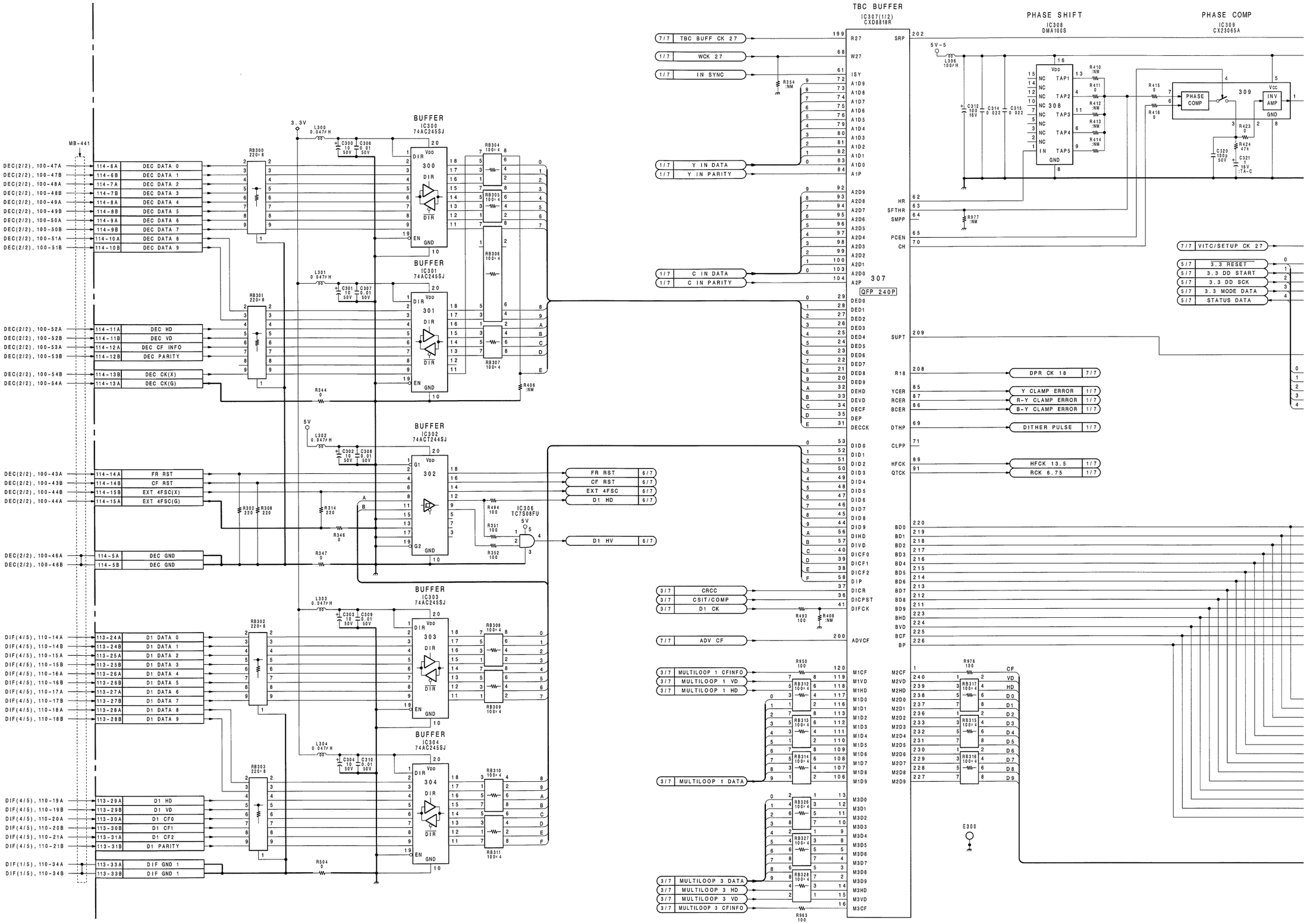
VPR-1 BOARD (1/7)

BOARD NO. 1-648-532-11
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S/M-04-A

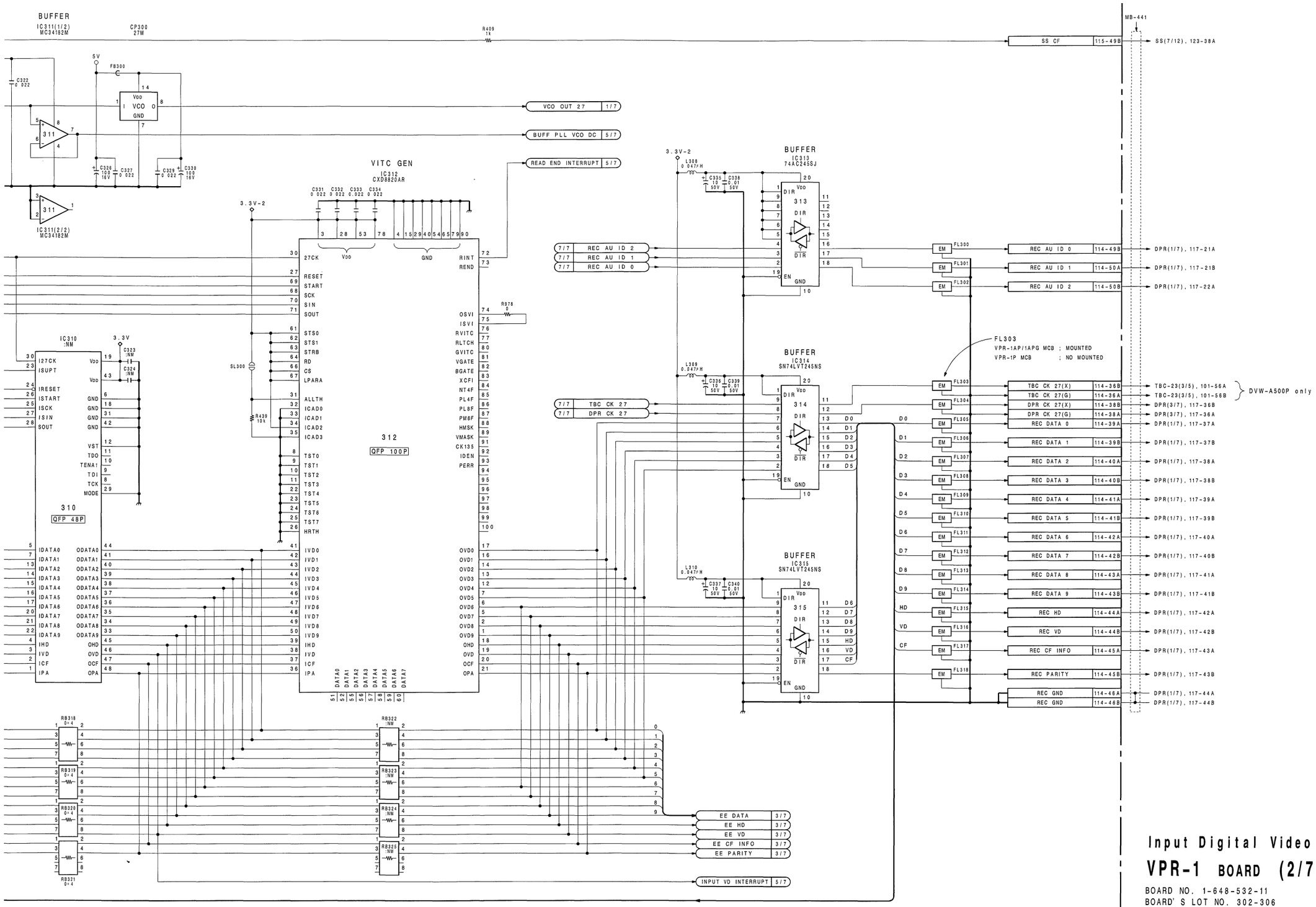
DUS-691 BOARD (1/2)

BOARD NO. 1-649-616-11



1-8 (a)　　1-8 (a)

DVW-A500P/500P



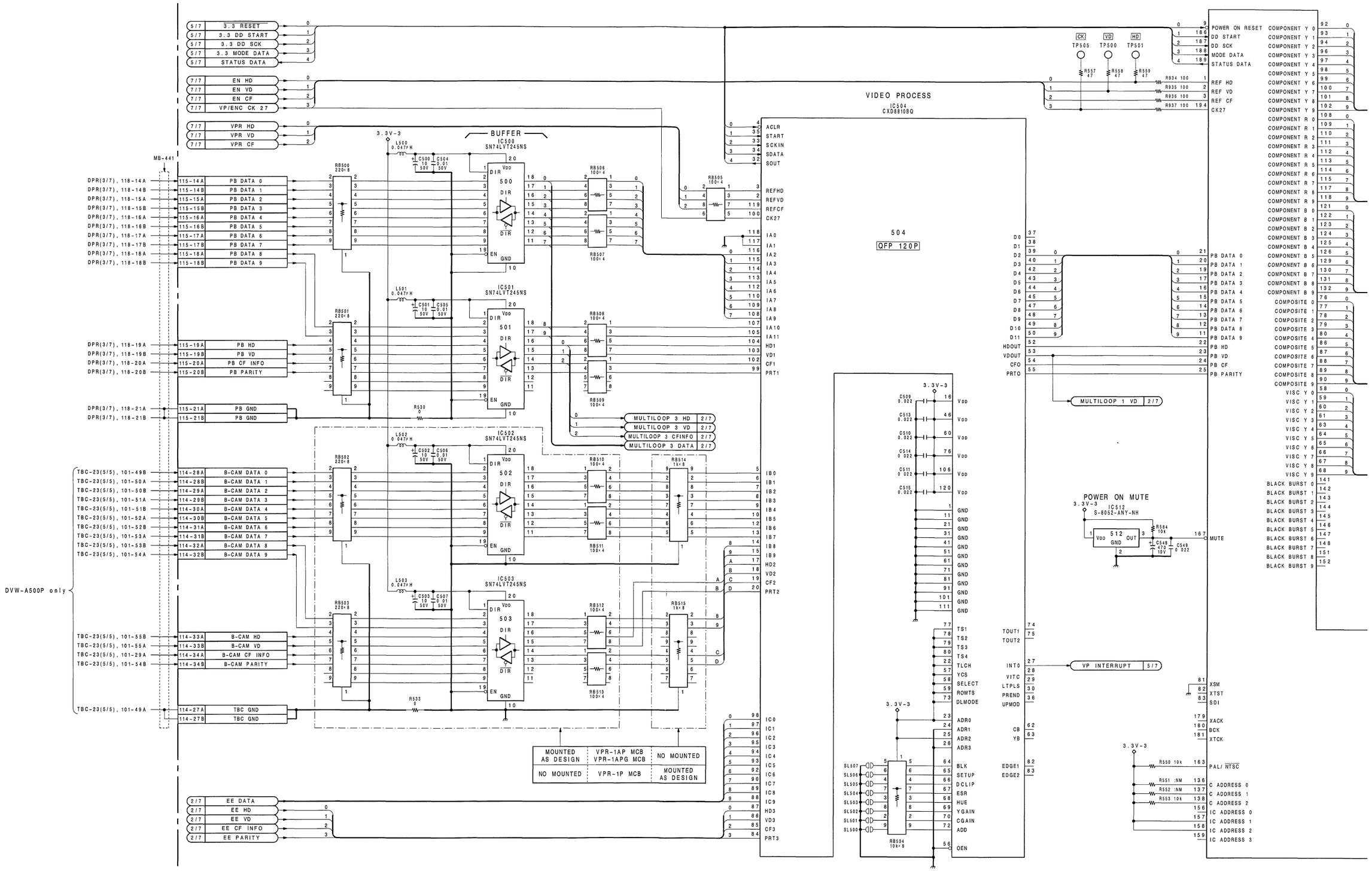
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

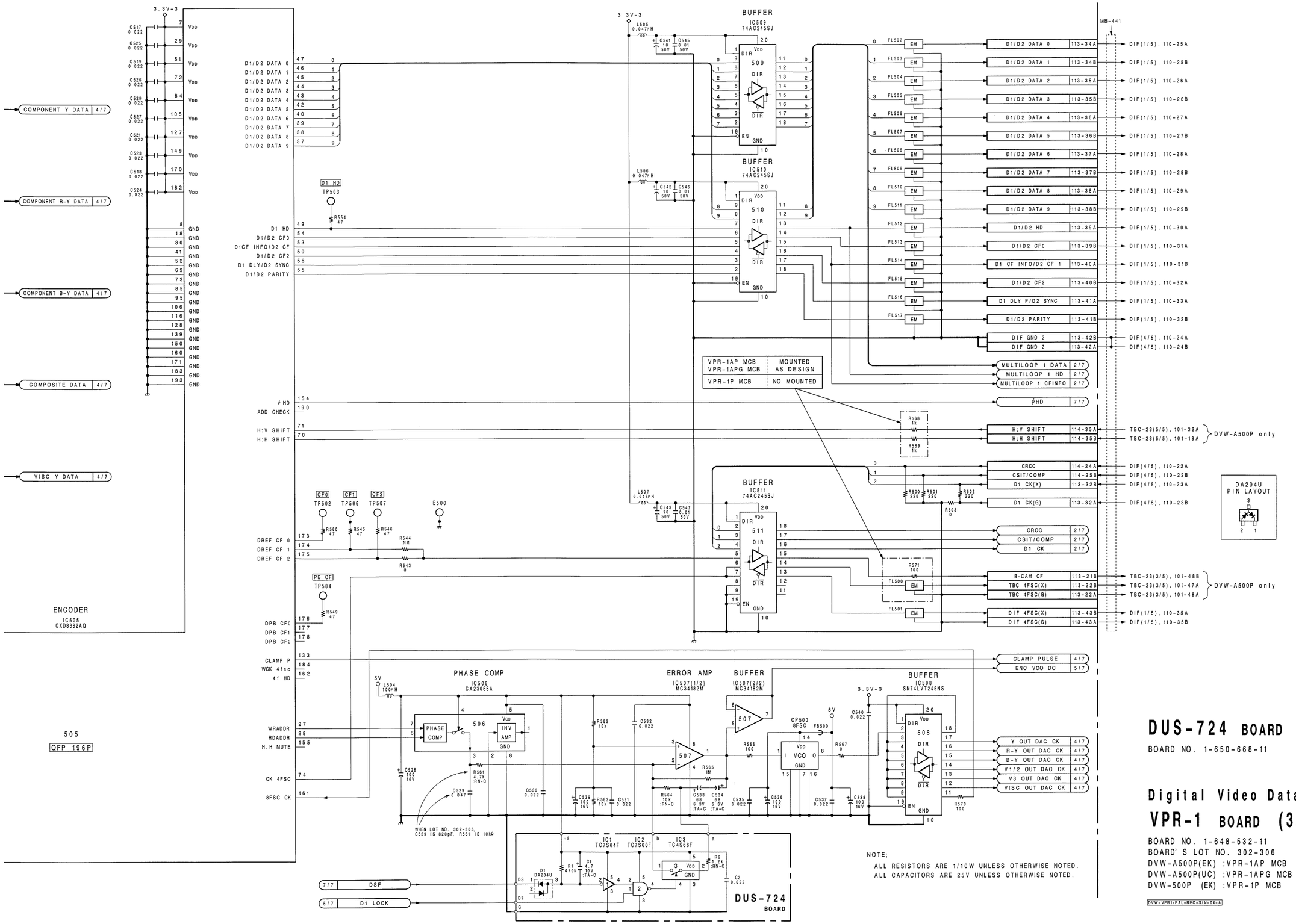
Input Digital Video Data Processor

VPR-1 BOARD (2/7)

BOARD NO. 1-648-532-11
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S/M-04-A


BUFFER
IC500 SN74LVT245NS
IC501 SN74LVT245NS
IC502 SN74LVT245NS
IC503 SN74LVT245NS
VIDEO PROCESS
IC504 CXD8810BQ
504 QFP 120P
POWER ON MUTE
IC512 S-8052-ANY-NH
MB-441
DVW-A500P only
3.3V-3
MULTILOOP 3 HD 2/7
MULTILOOP 3 VD 2/7
MULTILOOP 3 CFINFO 2/7
MULTILOOP 3 DATA 2/7
MULTILOOP 1 VD 2/7
VP INTERRUPT 5/7
MOUNTED AS DESIGN | VPR-1AP MCB VPR-1APG MCB | NO MOUNTED
NO MOUNTED | VPR-1P MCB | MOUNTED AS DESIGN



DUS-724 BOARD

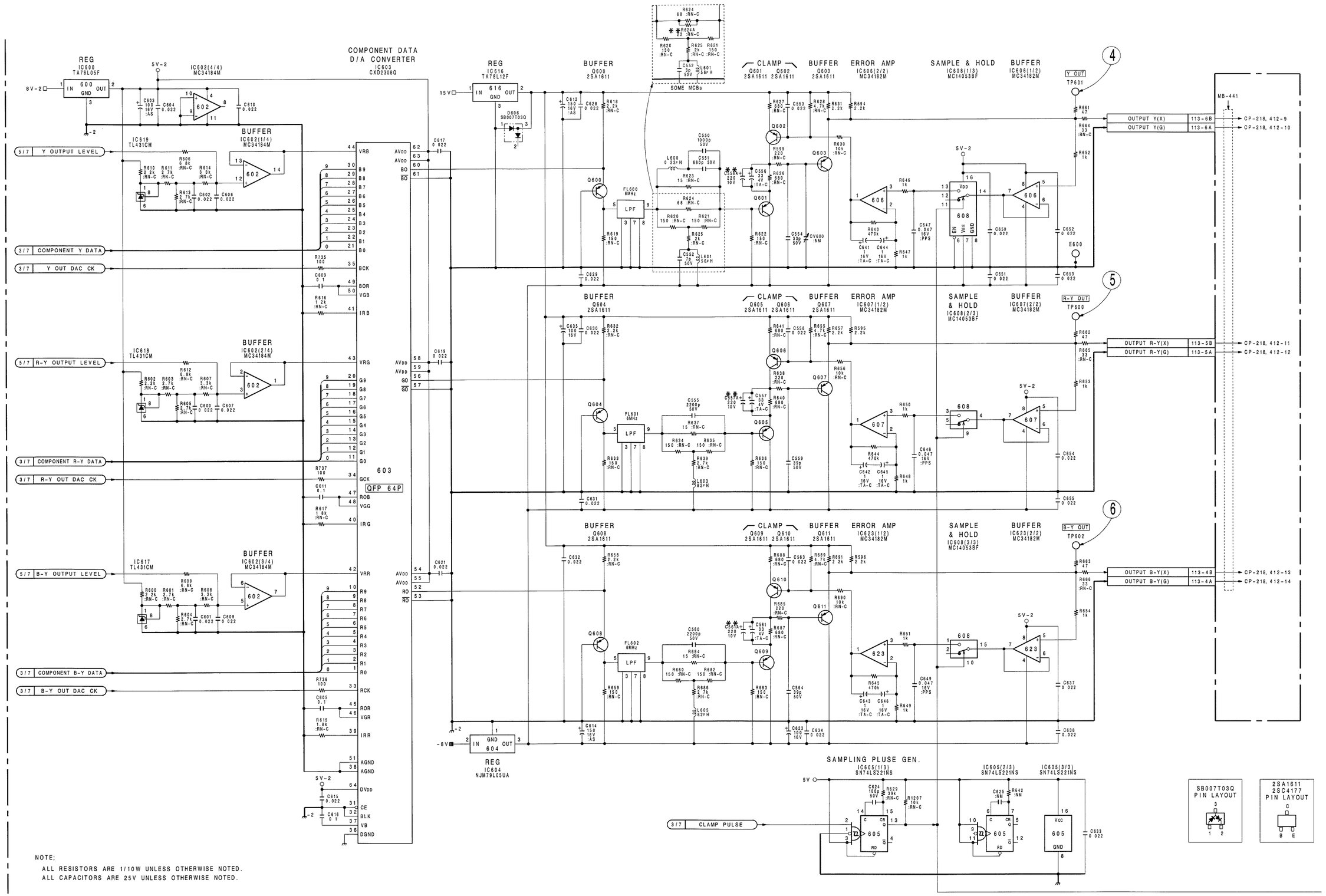
BOARD NO. 1-650-668-11

Digital Video Data Encoder

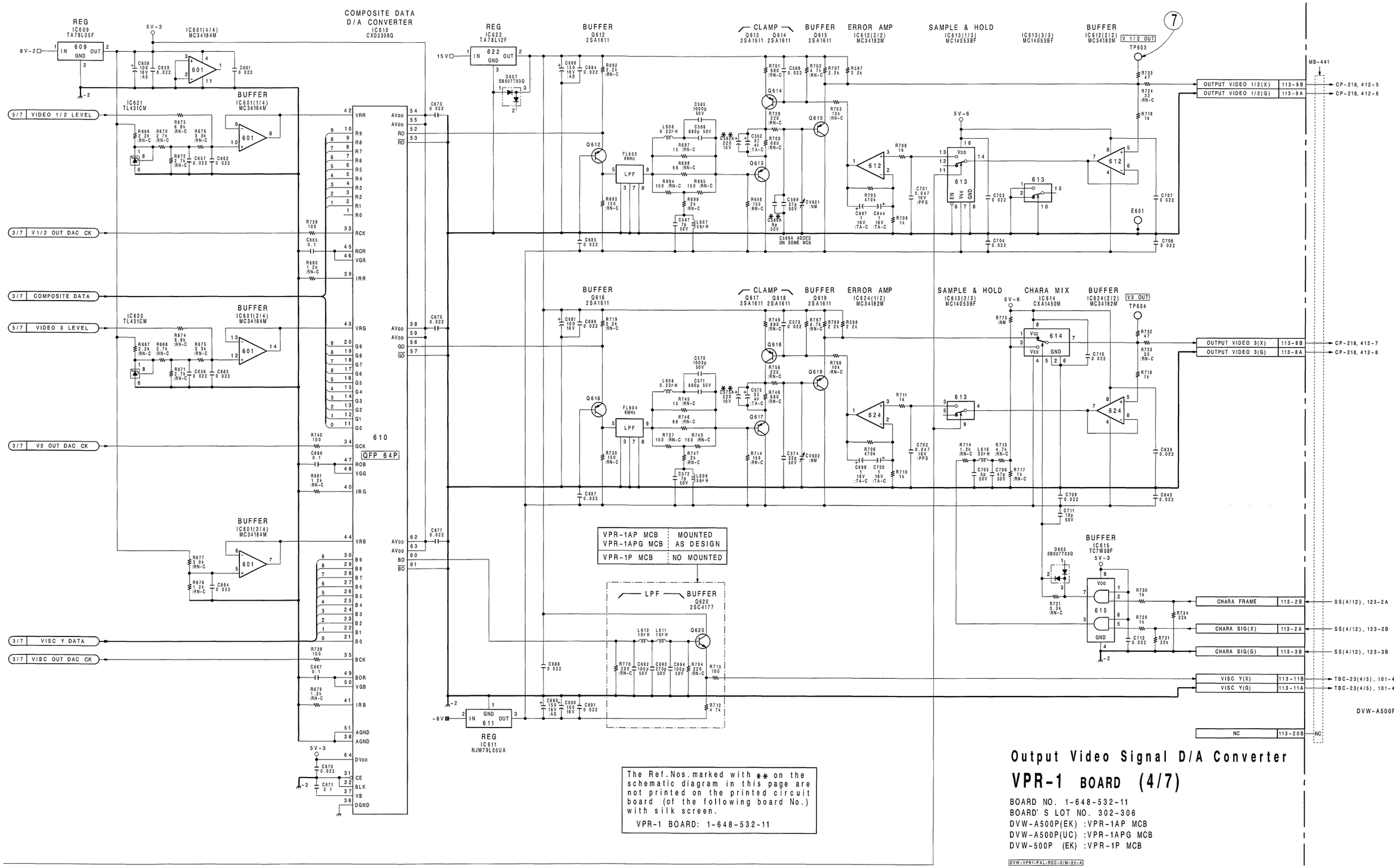
VPR-1 BOARD (3/7)

BOARD NO. 1-648-532-11
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-SIM-04-A



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

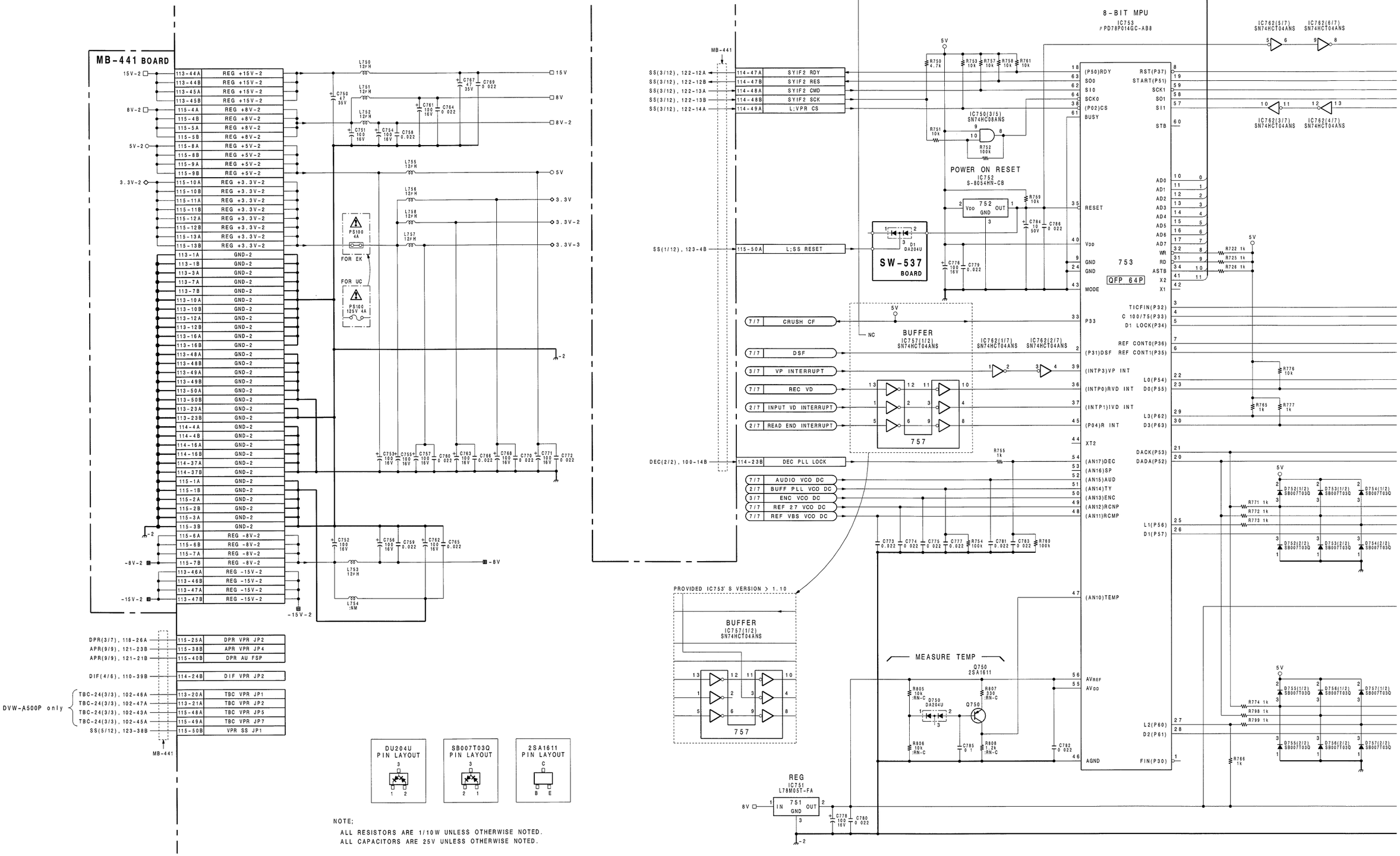


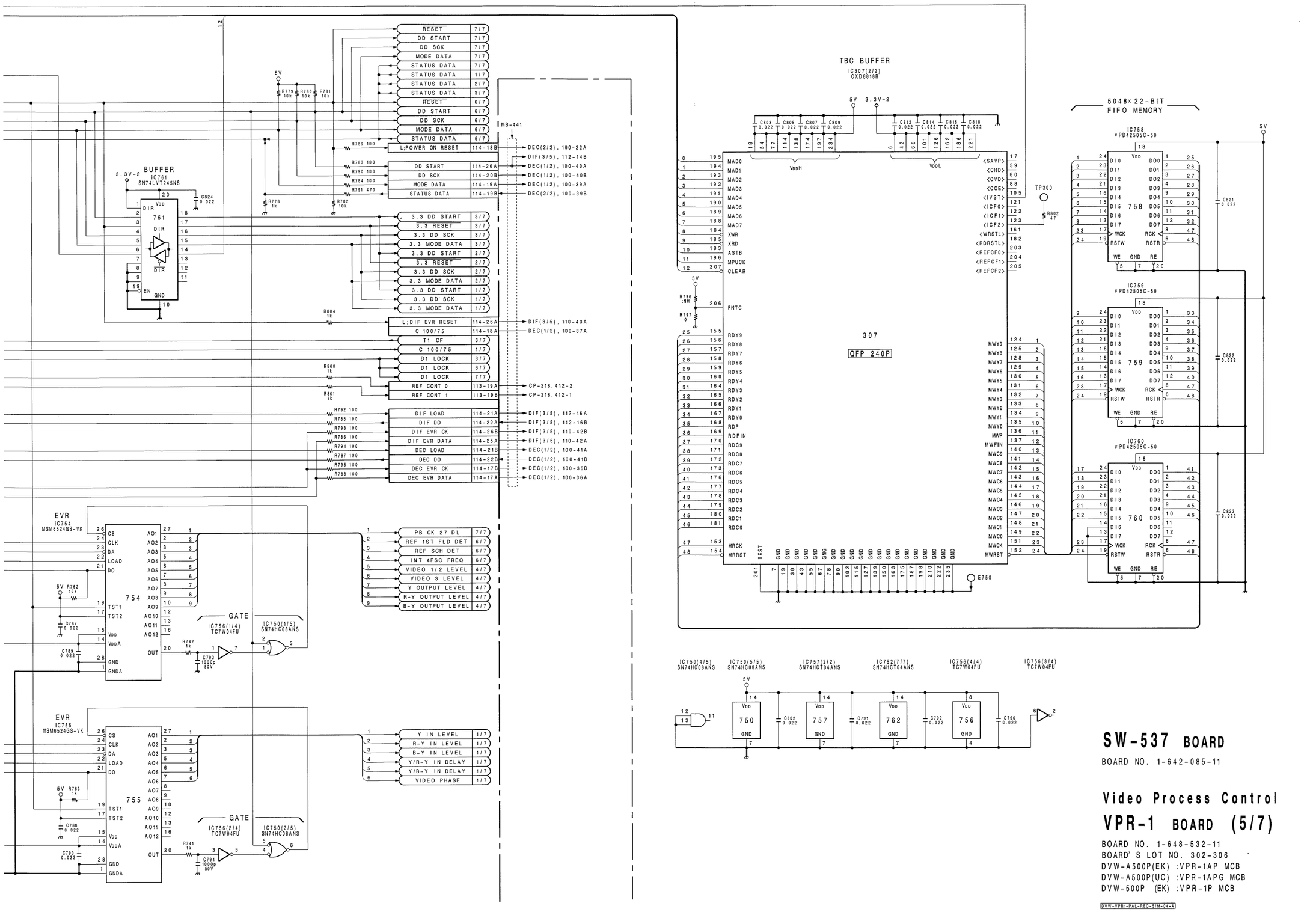
Output Video Signal D/A Converter

VPR-1 BOARD (4/7)

BOARD NO. 1-648-532-11
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S/M-04-A


MB-441 BOARD
8-BIT MPU
IC753
μPD78P014GC-AB8
POWER ON RESET
IC752
S-8054HN-CB
SW-537 BOARD
BUFFER
IC757(1/2)
SN74HCT04ANS
IC750(3/5)
SN74HC08ANS
IC762(5/7)
SN74HCT04ANS
IC762(6/7)
SN74HCT04ANS
IC762(3/7)
SN74HCT04ANS
IC762(4/7)
SN74HCT04ANS
IC762(1/7)
SN74HCT04ANS
IC762(2/7)
SN74HCT04ANS
753
QFP 64P
757
MEASURE TEMP
Q750
2SA1611
REG
IC751
L78M05T-FA
PROVIDED IC753' S VERSION > 1.10
FOR EK
FOR UC
DVW-A500P only
DU204U PIN LAYOUT
SB007T03Q PIN LAYOUT
2SA1611 PIN LAYOUT
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



SW-537 BOARD

BOARD NO. 1-642-085-11

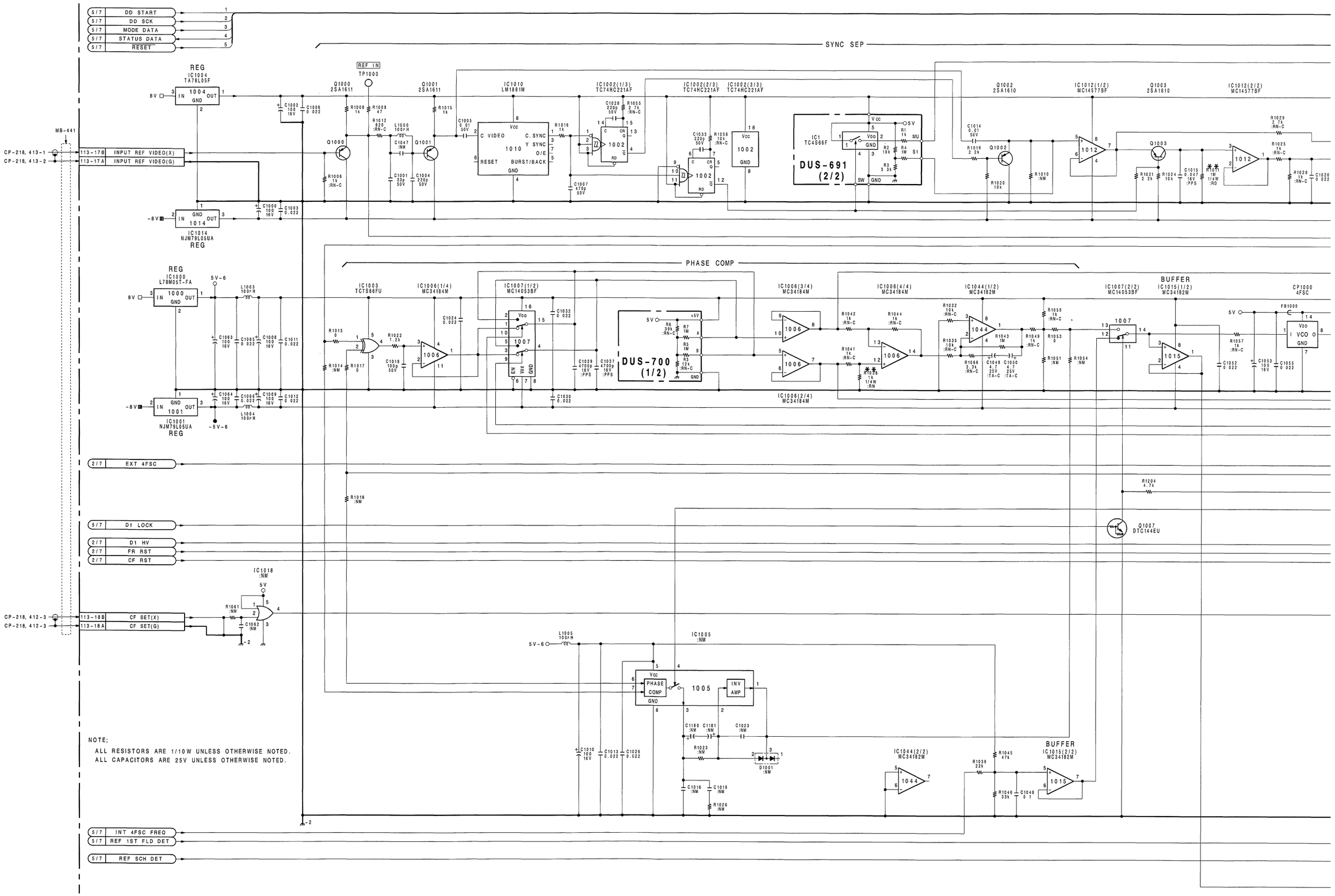
Video Process Control

VPR-1 BOARD (5/7)

BOARD NO. 1-648-532-11
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

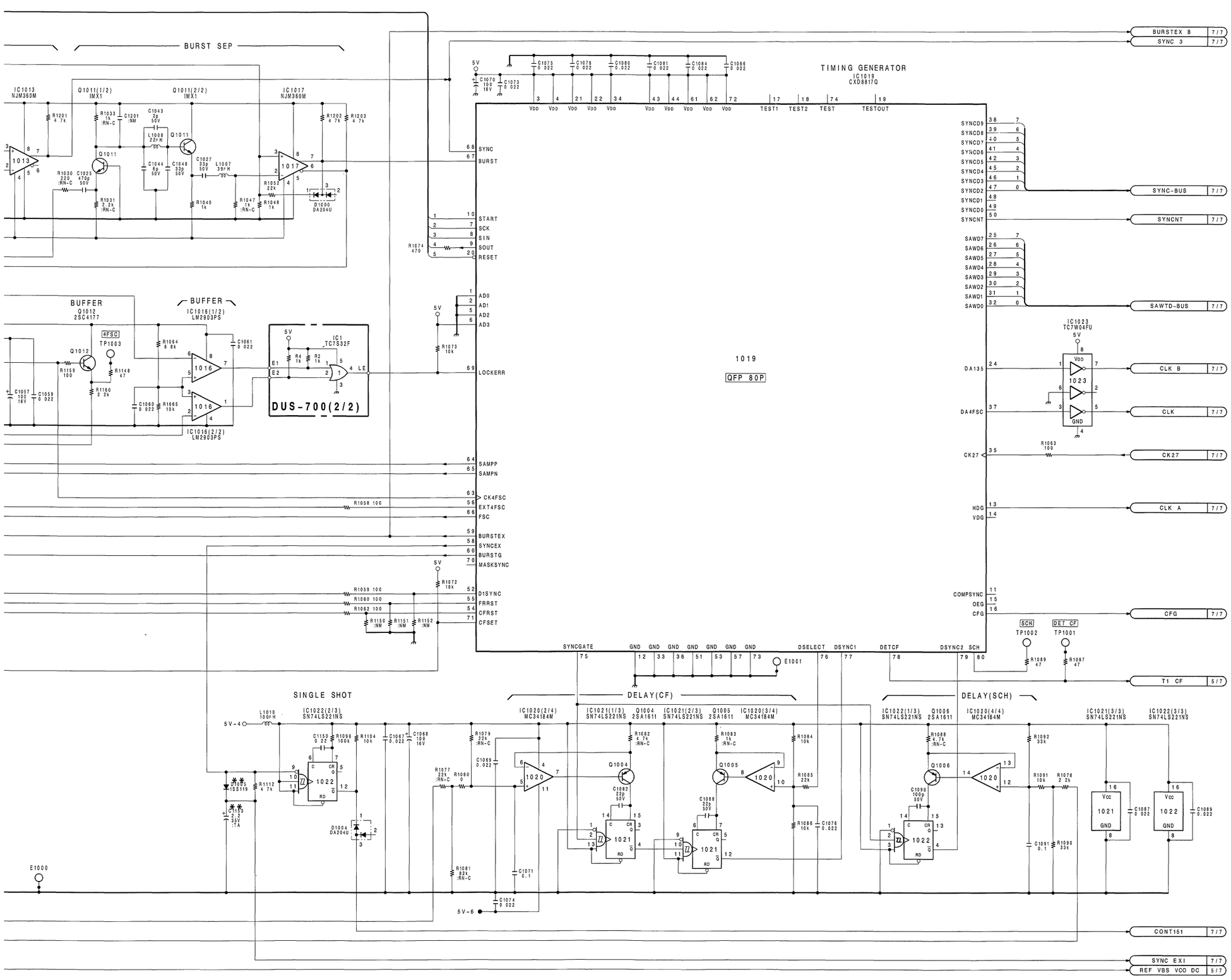
DVW-VPR1-PAL-REC-S/M-04-A

VPR-1 (6/7)



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

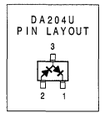
1-16 (a)



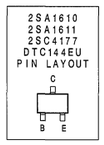
The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

VPR-1 BOARD: 1-648-532-11

DA204U PIN LAYOUT



2SA1610
2SA1611
2SC4177
DTC144EU
PIN LAYOUT



DUS-691 BOARD (2/2)

BOARD NO. 1-649-616-11

DUS-700 BOARD

BOARD NO. 1-649-898-11

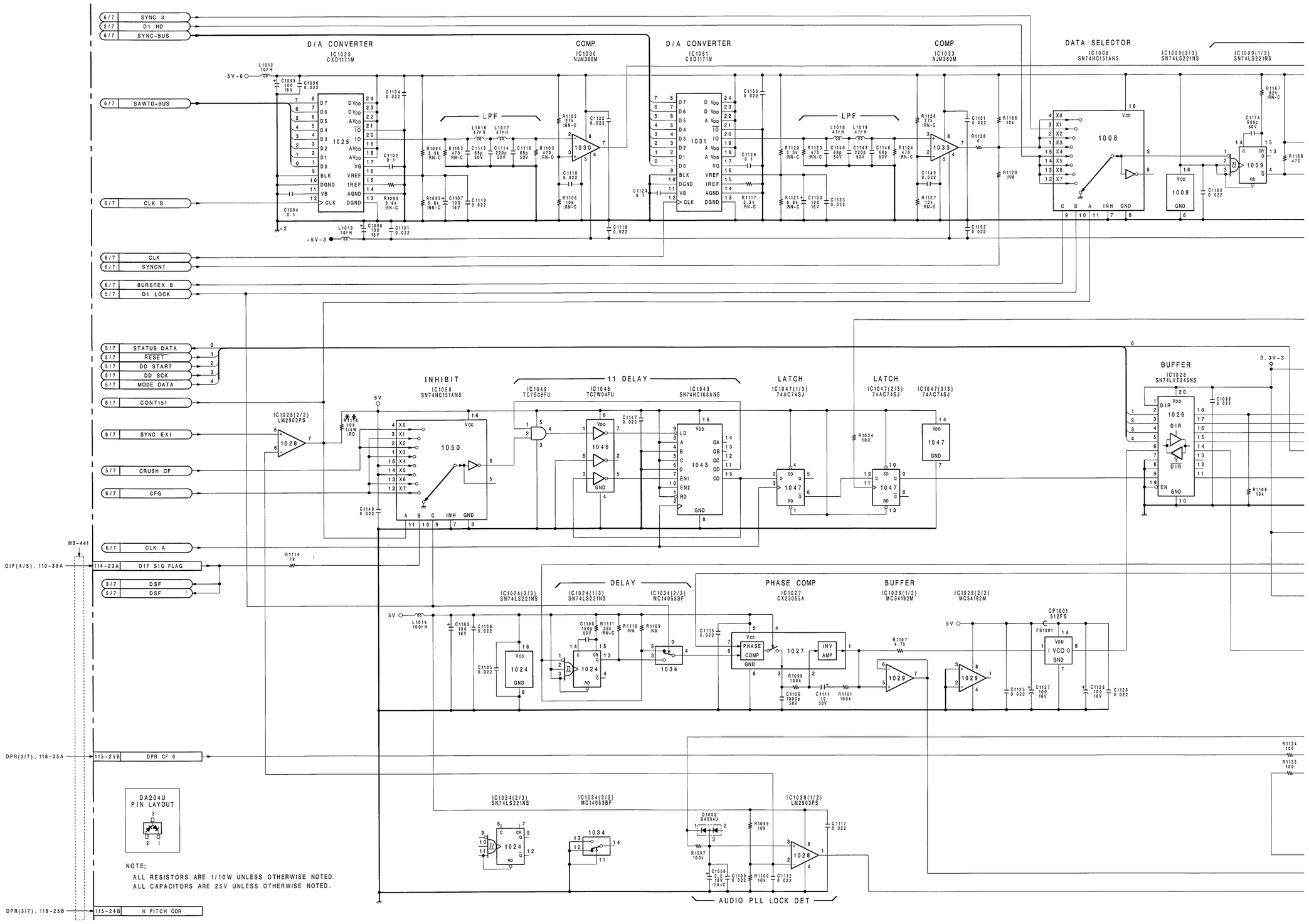
Time Ref Signal(1)

VPR-1 BOARD (6/7)

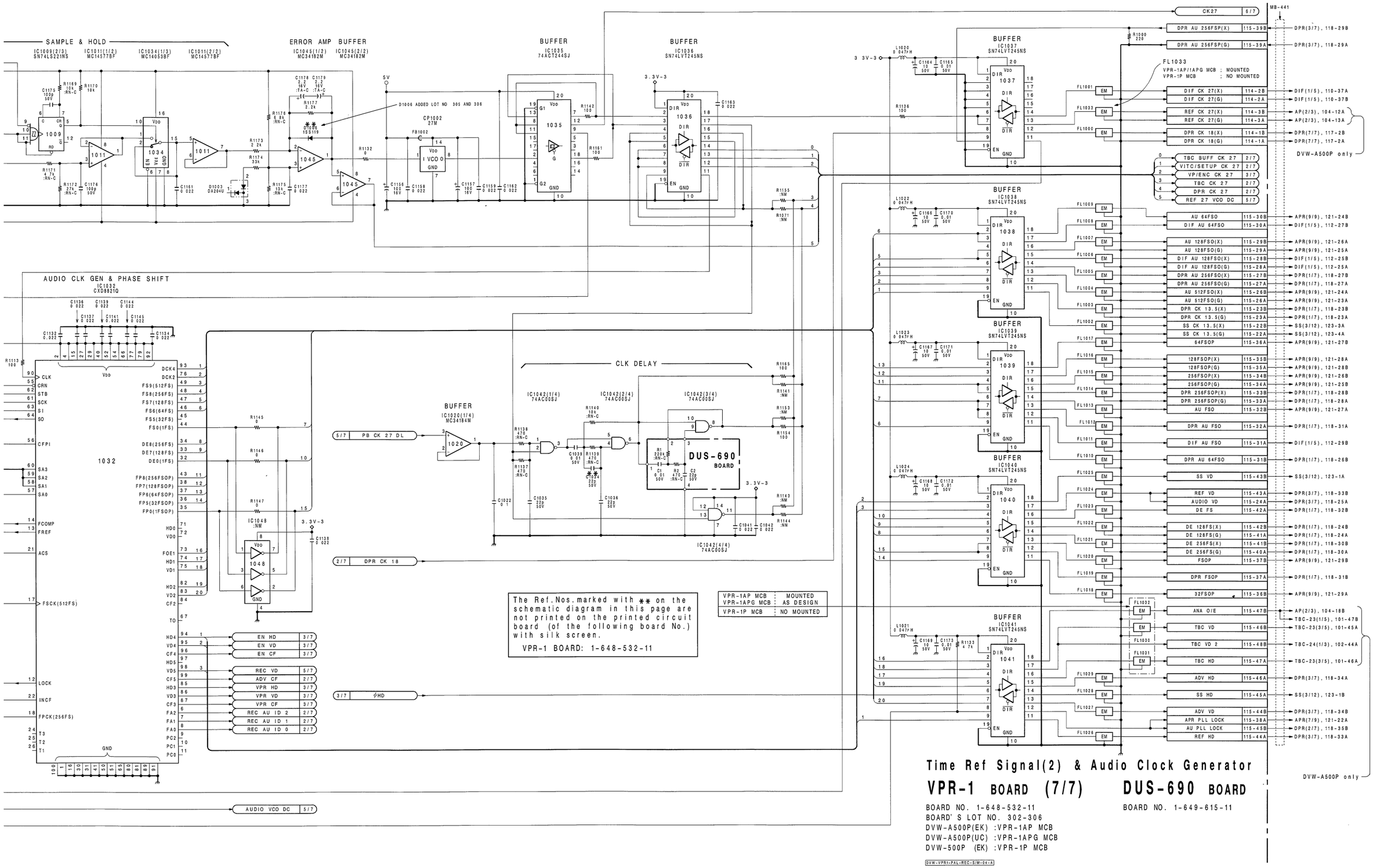
BOARD NO. 1-648-532-11
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DVW-VPR1-PAL-REC-S/M-04-A

VPR-1 (7/7)


6/7 SYNC 3
2/7 D1 HD
6/7 SYNC-BUS
D/A CONVERTER
IC1025
CXD1171M
COMP
IC1030
NJM360M
D/A CONVERTER
IC1031
CXD1171M
COMP
IC1033
NJM360M
DATA SELECTOR
IC1008
SN74HC151ANS
IC1008(3/3)
SN74LS221NS
IC1009(1/3)
SN74LS221NS
6/7 SAWTD-BUS
6/7 CLK B
LPF
LPF
6/7 CLK
6/7 SYNCNT
6/7 BURSTEX B
5/7 D1 LOCK
3/7 STATUS DATA
5/7 RESET
5/7 DD START
5/7 DD SCK
5/7 MODE DATA
6/7 CONT151
6/7 SYNC EXI
5/7 CRUSH CF
6/7 CFG
INHIBIT
IC1050
SN74HC151ANS
11 DELAY
IC1049
TC7S08FU
IC1046
TC7W04FU
IC1043
SN74HC163ANS
LATCH
IC1047(1/3)
74AC74SJ
LATCH
IC1047(2/3)
74AC74SJ
IC1047(3/3)
74AC74SJ
BUFFER
IC1026
SN74LVT245NS
IC1028(2/2)
LM2903PS
MB-441
DIF(4/5), 110-39A
114-23A DIF SIG FLAG
6/7 CLK A
3/7 DSF
5/7 DSF
DELAY
IC1024(3/3)
SN74LS221NS
IC1024(1/3)
SN74LS221NS
IC1034(2/3)
MC14053BF
PHASE COMP
IC1027
CX23065A
BUFFER
IC1029(1/2)
MC34182M
IC1029(2/2)
MC34182M
CP1001
512FS
DPR(3/7), 118-35A
115-25B DPR CF 0
DA204U
PIN LAYOUT
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
IC1024(2/3)
SN74LS221NS
IC1034(3/3)
MC14053BF
IC1028(1/2)
LM2903PS
AUDIO PLL LOCK DET
DPR(3/7), 118-25B
115-24B H PITCH COR

1-18 (a)



Time Ref Signal(2) & Audio Clock Generator

VPR-1 BOARD (7/7)

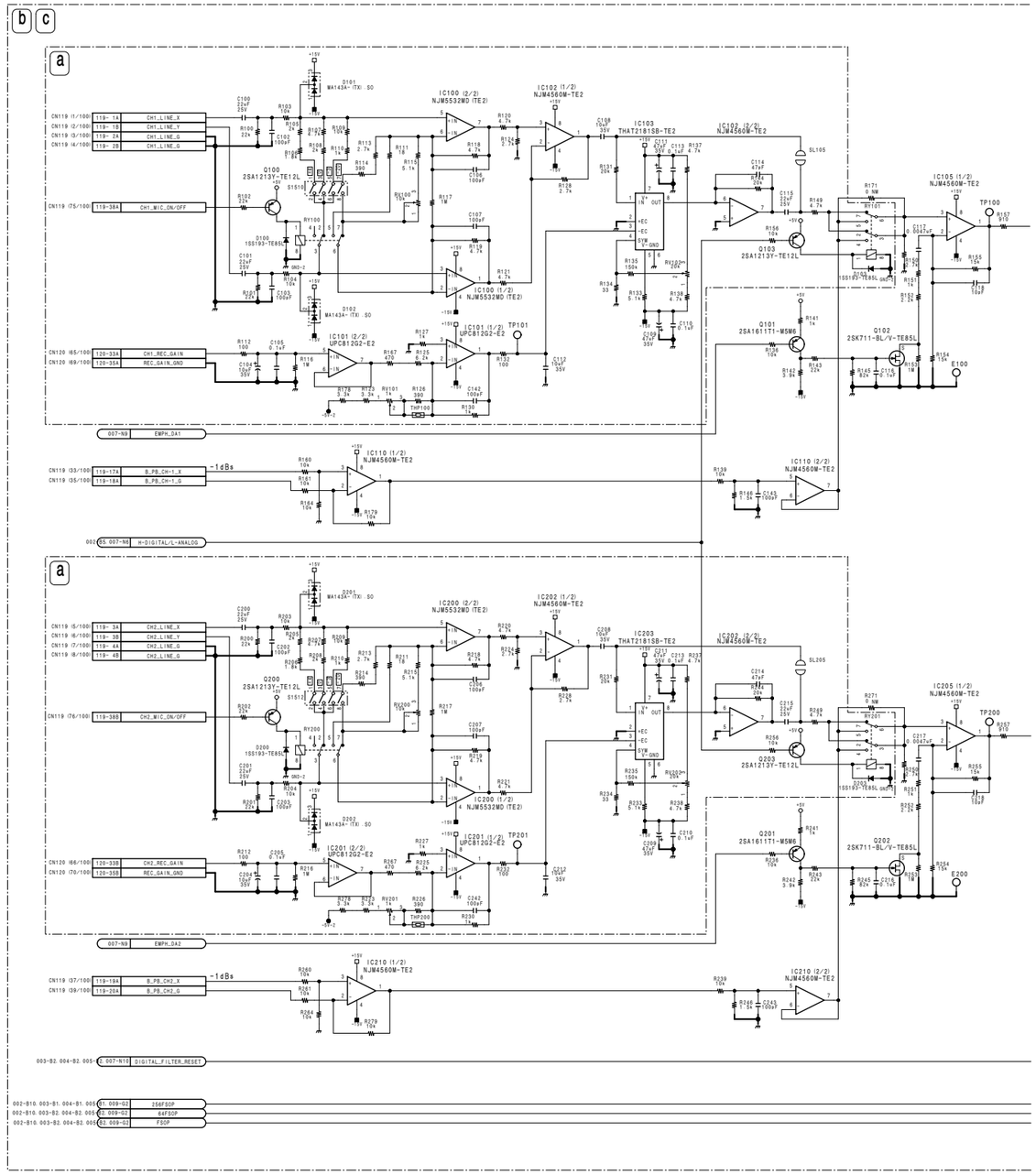
BOARD NO. 1-648-532-11
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :VPR-1AP MCB
DVW-A500P(UC) :VPR-1APG MCB
DVW-500P (EK) :VPR-1P MCB

DUS-690 BOARD

BOARD NO. 1-649-615-11

DVW-VPR1-PAL-REC-S/M-94-A

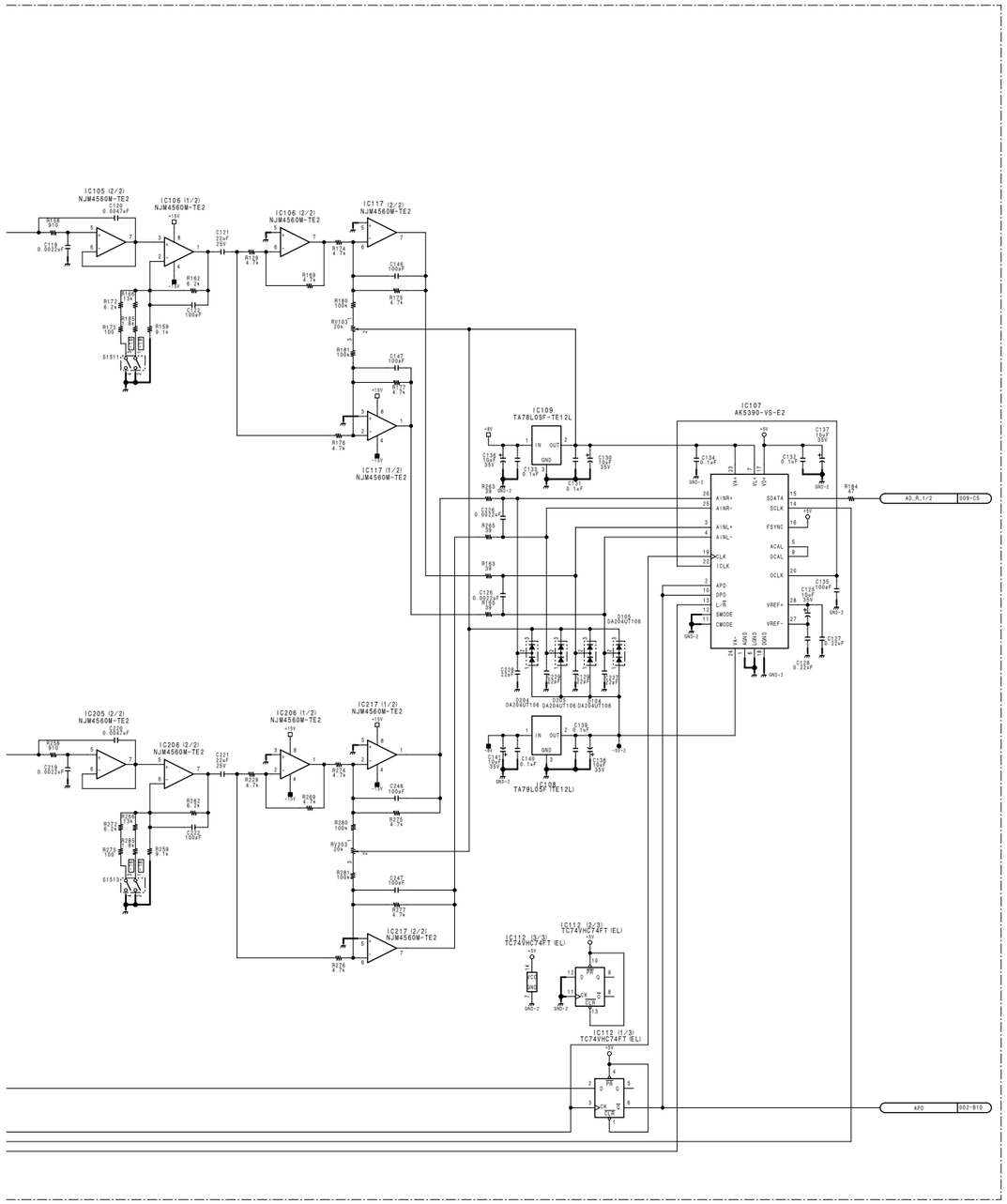
APR-1 (1/9)



	DVW-A500 DVW-500	DVW-A510	DVW-510	DVW-522
a	MOUNT	NO MOUNT	NO MOUNT	NO MOUNT
b	MOUNT	MOUNT	NO MOUNT	NO MOUNT
c	MOUNT	MOUNT	MOUNT	NO MOUNT

1-20 (b)

APR-1 (1/9)

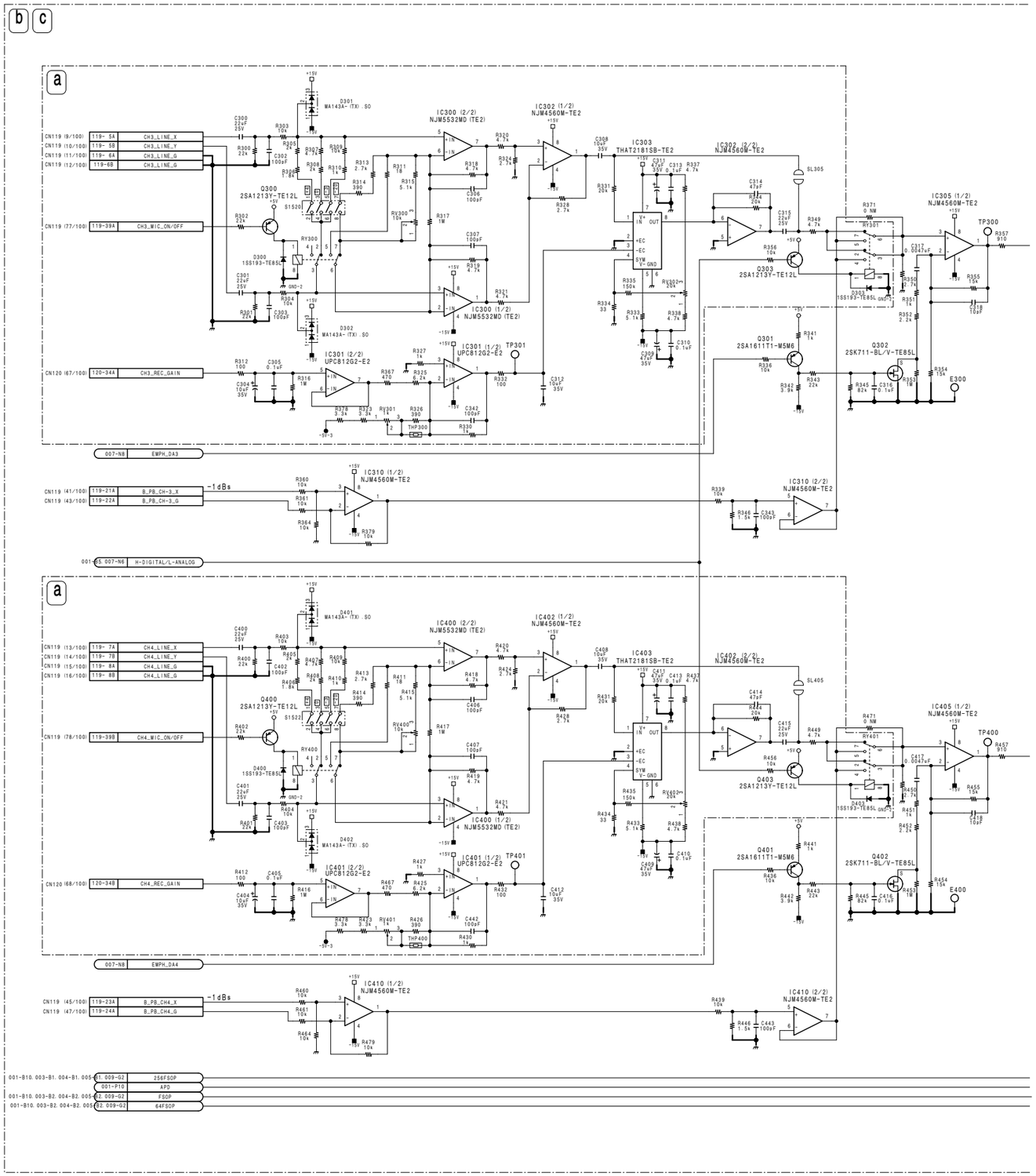


CH-1/CH-2 A/D Convert

APR-1 BOARD (1/9)

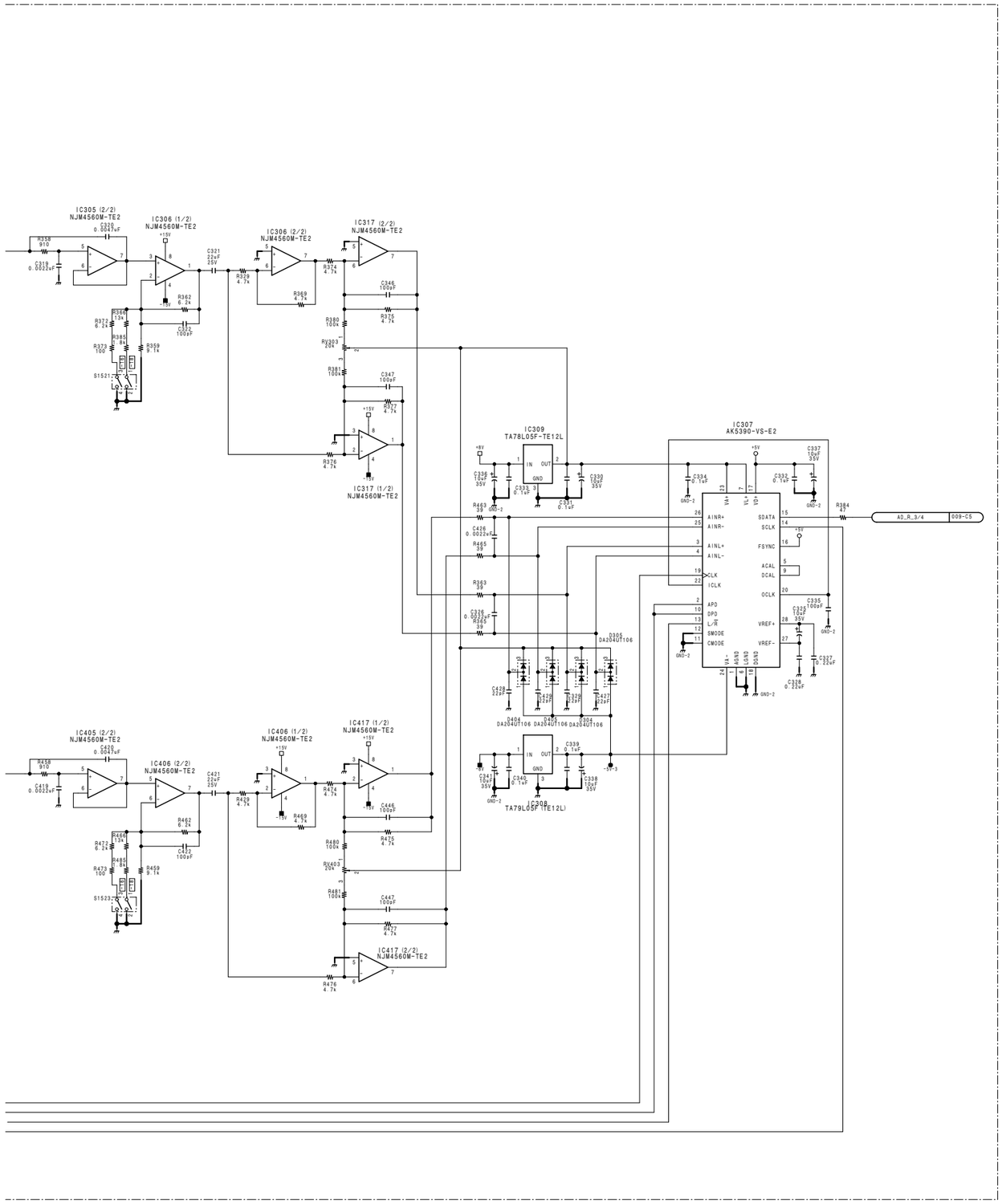
BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB
DVW-A500_APR-1_016_1

APR-1 (2/9)


a
b
c
IC300 (2/2) NJM5532MD (TE2)
IC302 (1/2) NJM4560M-TE2
IC303 THAT2181SB-TE2
IC302 (2/2) NJM4560M-TE2
IC305 (1/2) NJM4560M-TE2
IC300 (1/2) NJM5532MD (TE2)
IC301 (2/2) UPC812G2-E2
IC301 (1/2) UPC812G2-E2
IC310 (1/2) NJM4560M-TE2
IC310 (2/2) NJM4560M-TE2
Q300 2SA1213Y-TE12L
Q303 2SA1213Y-TE12L
Q301 2SA1611T1-M5M6
Q302 2SK711-BL/V-TE85L
D300 1SS193-TE85L
D301 MA143A-(TX) .SO
D302 MA143A-(TX) .SO
D303 1SS193-TE85L
S1502
SL305
TP300
TP301
E300
CN119 (9/100)
CN119 (10/100)
CN119 (11/100)
CN119 (12/100)
119-5A CH3_LINE_X
119-5B CH3_LINE_Y
119-6A CH3_LINE_G
119-6B CH3_LINE_G
CN119 (77/100)
119-39A CH3_MIC_ON/OFF
CN120 (67/100)
120-34A CH3_REC_GAIN
007-N8 EMPH_DA3
CN119 (41/100)
CN119 (43/100)
119-21A B_PB_CH-3_X
119-22A B_PB_CH-3_G
-1dBs
001-E5 007-N6 H-DIGITAL/L-ANALOG
b
c
IC400 (2/2) NJM5532MD (TE2)
IC402 (1/2) NJM4560M-TE2
IC403 THAT2181SB-TE2
IC402 (2/2) NJM4560M-TE2
IC405 (1/2) NJM4560M-TE2
IC400 (1/2) NJM5532MD (TE2)
IC401 (2/2) UPC812G2-E2
IC401 (1/2) UPC812G2-E2
IC410 (1/2) NJM4560M-TE2
IC410 (2/2) NJM4560M-TE2
Q400 2SA1213Y-TE12L
Q403 2SA1213Y-TE12L
Q401 2SA1611T1-M5M6
Q402 2SK711-BL/V-TE85L
D400 1SS193-TE85L
D401 MA143A-(TX) .SO
D402 MA143A-(TX) .SO
D403 1SS193-TE85L
S1522
SL405
TP400
TP401
E400
CN119 (13/100)
CN119 (14/100)
CN119 (15/100)
CN119 (16/100)
119-7A CH4_LINE_X
119-7B CH4_LINE_Y
119-8A CH4_LINE_G
119-8B CH4_LINE_G
CN119 (78/100)
119-39B CH4_MIC_ON/OFF
CN120 (68/100)
120-34B CH4_REC_GAIN
007-N8 EMPH_DA4
CN119 (45/100)
CN119 (47/100)
119-23A B_PB_CH4_X
119-24A B_PB_CH4_G
-1dBs
001-B10. 003-B1. 004-B1. 005-E1. 009-G2 256FSOP
001-P10 APD
001-B10. 003-B2. 004-B2. 005-E2. 009-G2 FSOP
001-B10. 003-B2. 004-B2. 005-B2. 009-G2 64FSOP

1-22 (b)

APR-1 (2/9)

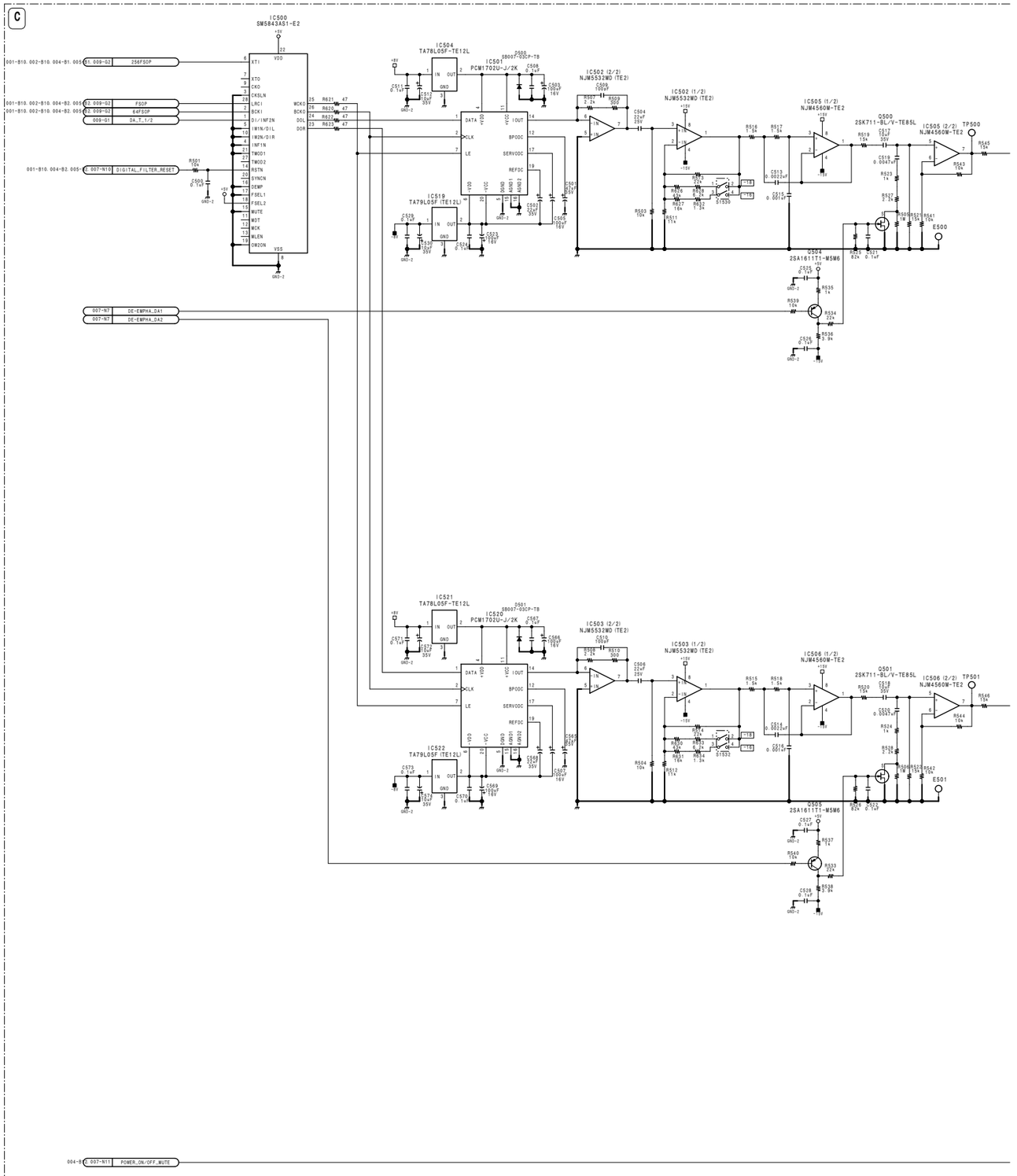


CH-3/CH-4 A/D Convert

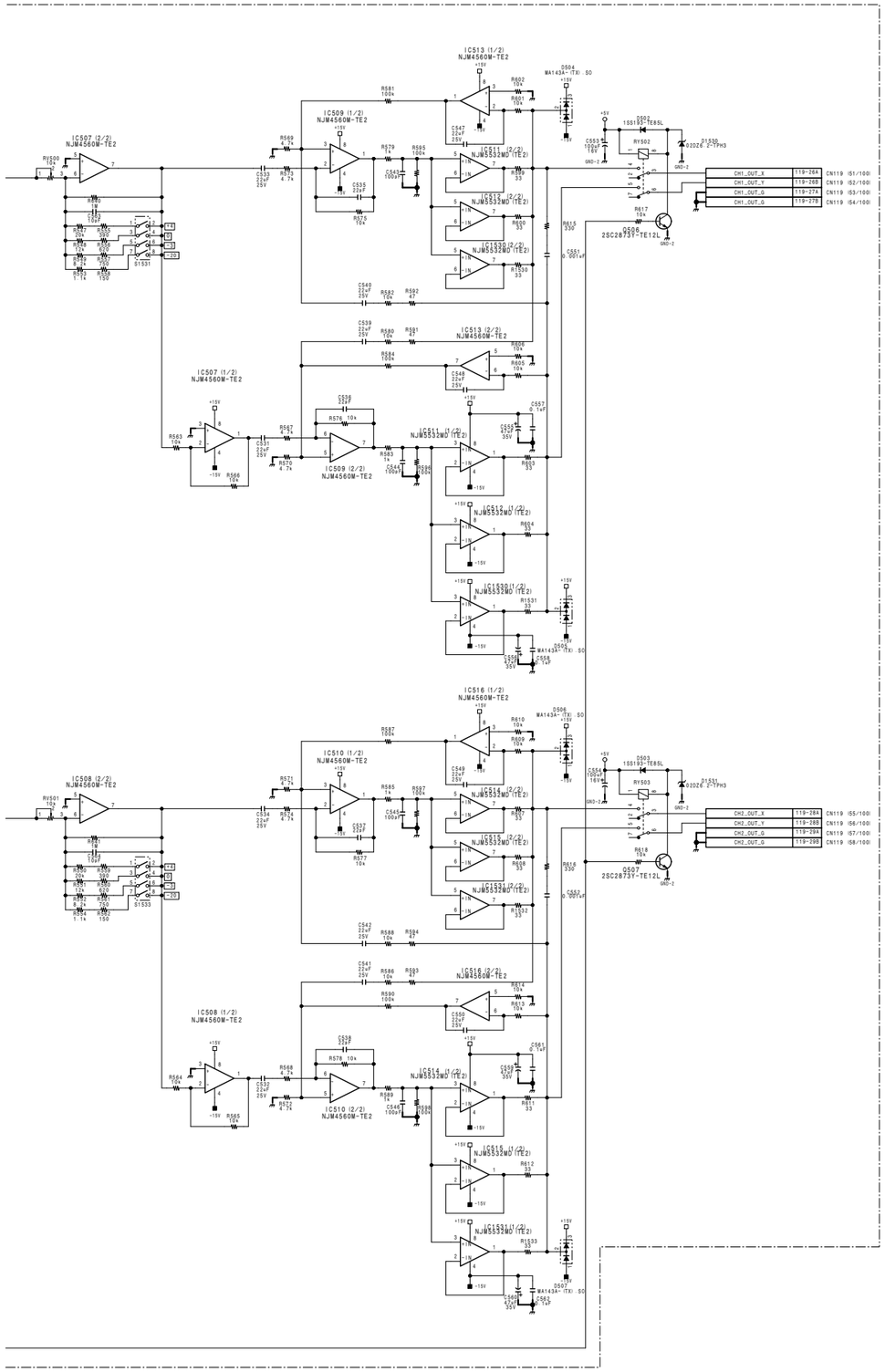
APR-1 BOARD (2/9)

BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB
DVW-A500_APR-1_016_2

APR-1 (3/9)


C
IC500
SM5843AS1-E2
IC504
TA78L05F-TE12L
IC507
PCM1702U-J/2K
D500
S8007-03CP-TB
IC502 (2/2)
NJM5532MD (TE2)
IC502 (1/2)
NJM5532MD (TE2)
IC505 (1/2)
NJM4560M-TE2
Q500
2SK711-BL/V-TE85L
IC505 (2/2)
NJM4560M-TE2
TP500
IC519
TA79L05F (TE12L)
Q504
2SA1611T1-M5M6
E500
IC521
TA78L05F-TE12L
IC520
PCM1702U-J/2K
D501
S8007-03CP-TB
IC503 (2/2)
NJM5532MD (TE2)
IC503 (1/2)
NJM5532MD (TE2)
IC506 (1/2)
NJM4560M-TE2
Q501
2SK711-BL/V-TE85L
IC506 (2/2)
NJM4560M-TE2
TP501
IC522
TA79L05F (TE12L)
Q505
2SA1611T1-M5M6
E501
001-B10. 002-B10. 004-B1. 005
001-B10. 002-B10. 004-B2. 005
001-B10. 004-B2. 005
004-B
DIGITAL_FILTER_RESET
DE-EMPHA_DA1
DE-EMPHA_DA2
POWER_ON/OFF_MUTE

1-24 (b)

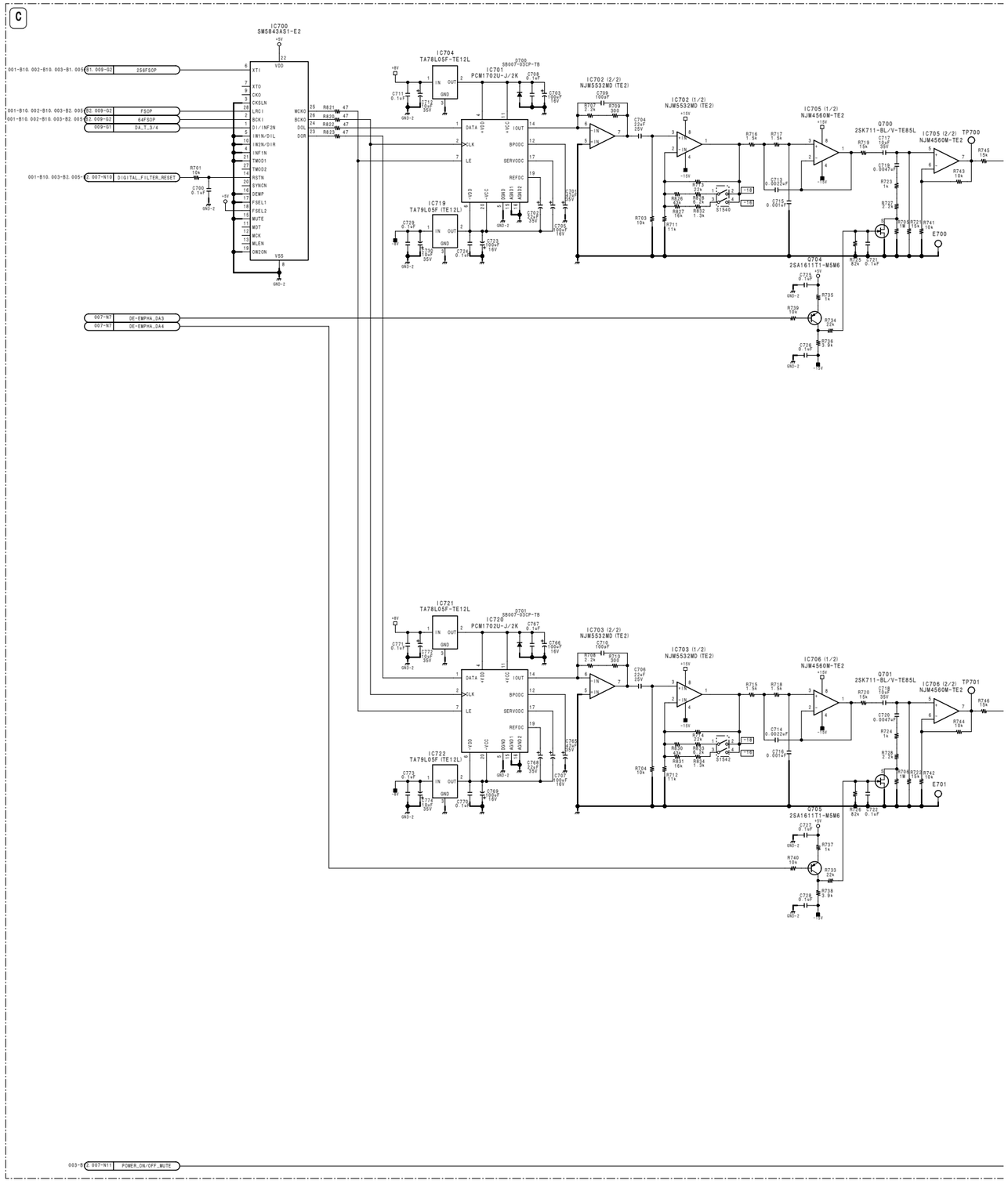


CH-1/CH-2 D/A Convert & Output Drive

APR-1 BOARD (3/9)

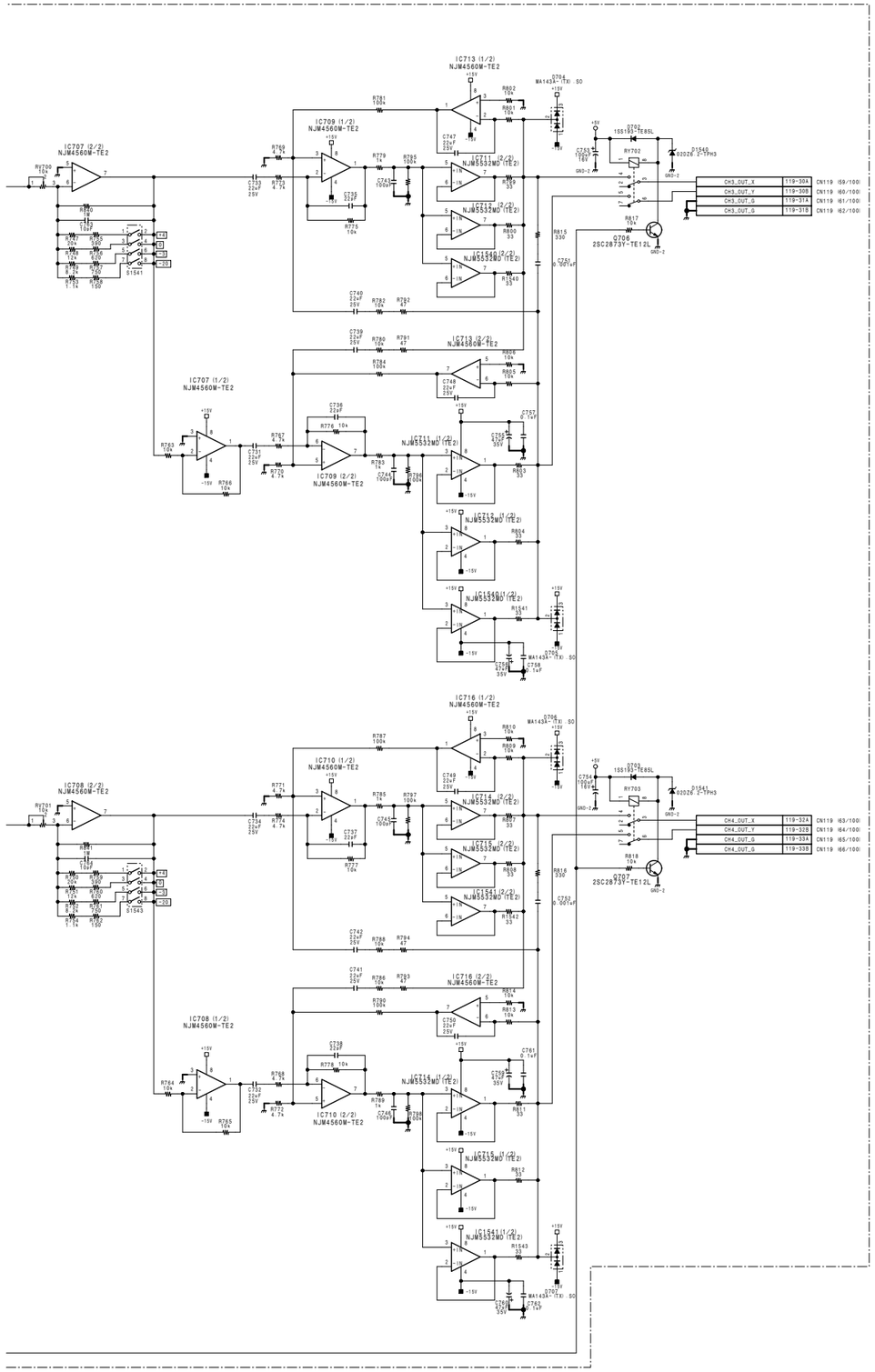
BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB
DVW-A500_APR-1_016_3

APR-1 (4/9)


C
IC700
SM5843AS1-E2
IC704
TA78L05F-TE12L
IC701
PCM1702U-J/2K
IC702 (2/2)
NJM5532MD (TE2)
IC702 (1/2)
NJM5532MD (TE2)
IC705 (1/2)
NJM4560M-TE2
IC705 (2/2)
NJM4560M-TE2
Q700
2SK711-BL/V-TE85L
Q704
2SA1611T1-M5M6
E700
TP700
IC719
TA79L05F (TE12L)
IC721
TA78L05F-TE12L
IC720
PCM1702U-J/2K
IC703 (2/2)
NJM5532MD (TE2)
IC703 (1/2)
NJM5532MD (TE2)
IC706 (1/2)
NJM4560M-TE2
IC706 (2/2)
NJM4560M-TE2
Q701
2SK711-BL/V-TE85L
Q705
2SA1611T1-M5M6
E701
TP701
IC722
TA79L05F (TE12L)
001-B10. 002-B10. 003-B1. 005-C1. 009-G2 256FSOP
001-B10. 002-B10. 003-B2. 005-C2. 009-G2 FSOP
001-B10. 002-B10. 003-B2. 005-C1. 009-G2 64FSOP
009-G1 9A_T.3/4
001-B10. 003-B2. 005-C 007-N10 DIGITAL_FILTER_RESET
007-N7 DE-EMPHA_DA3
007-N7 DE-EMPHA_DA4
003-B2 C 007-N11 POWER_ON/OFF_MUTE

1-26 (b)

APR-1 (4/9)

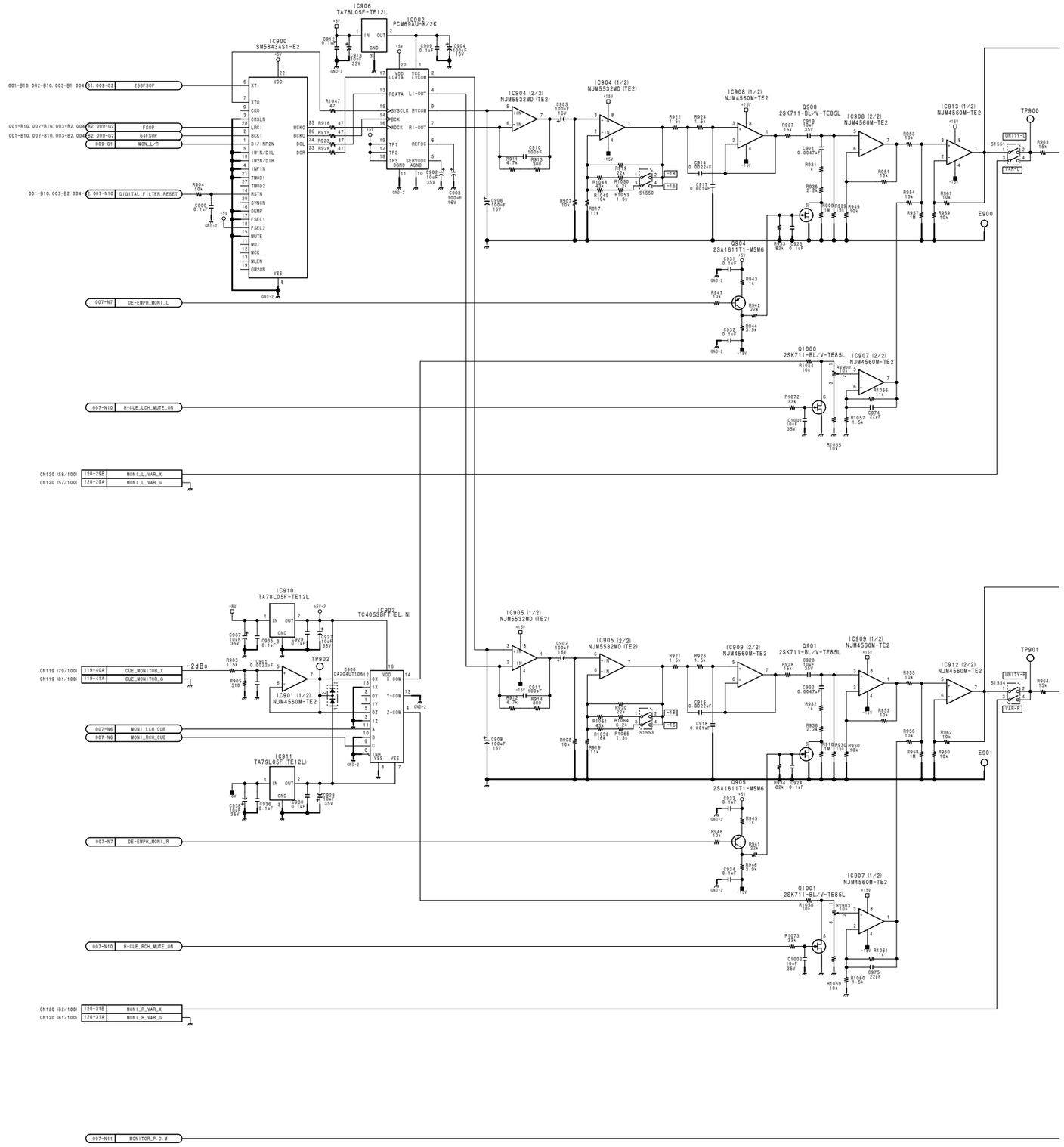


CH-3/CH-4 D/A Convert & Output Drive

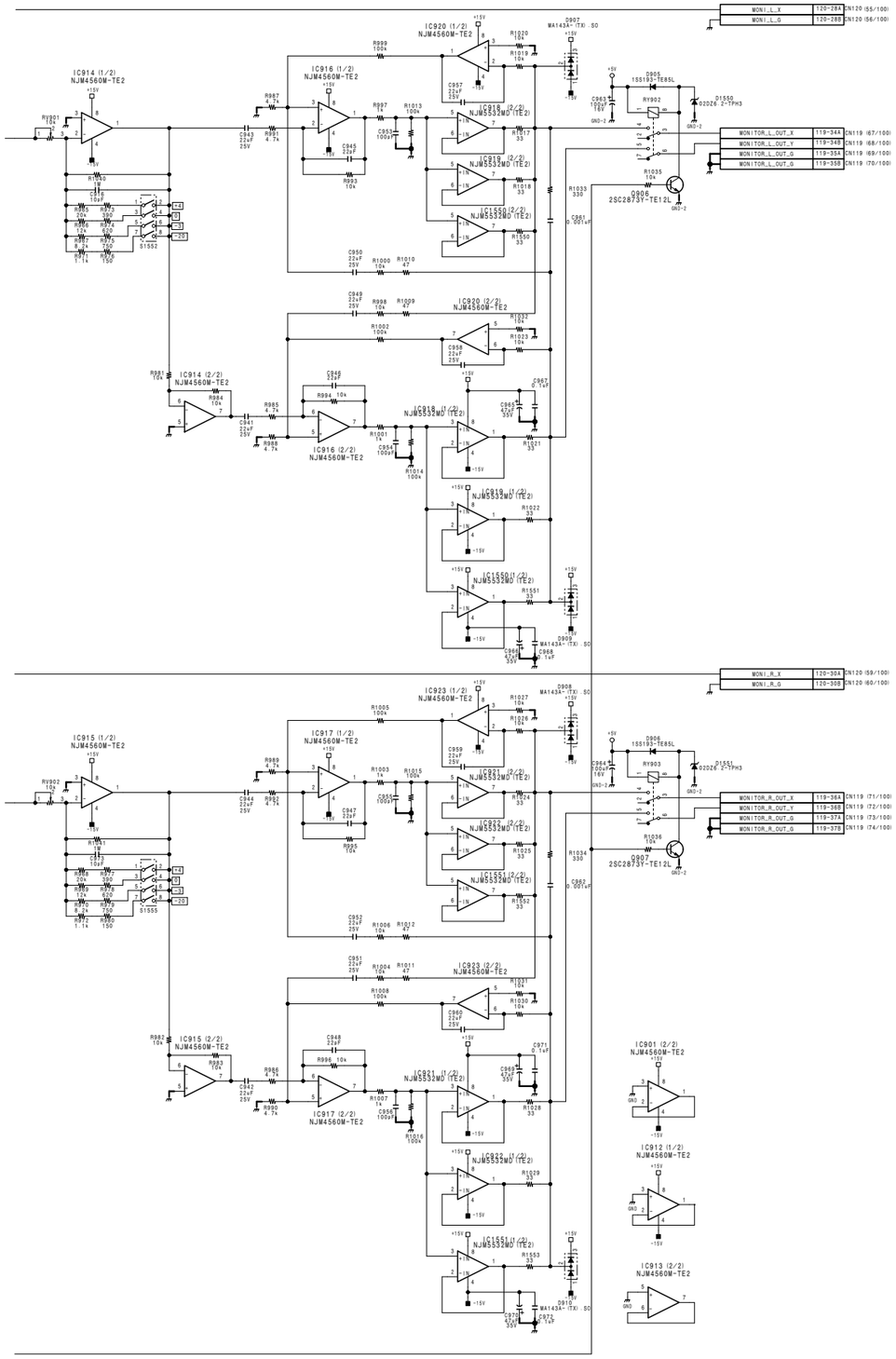
APR-1 BOARD (4/9)

BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB
DVW-A500_APR-1_016_4

APR-1 (5/9)


IC906
TA78L05F-TE12L
IC902
PCM69XU-K/2K
IC900
SM5843AS1-E2
IC904 (2/2)
NJM5532MD (TE2)
IC904 (1/2)
NJM5532MD (TE2)
IC908 (1/2)
NJM4560M-TE2
Q900
2SK711-BL/V-TE85L
IC908 (2/2)
NJM4560M-TE2
IC913 (1/2)
NJM4560M-TE2
TP900
E900
Q904
2SA1611T1-M5M6
Q1000
2SK711-BL/V-TE85L
IC907 (2/2)
NJM4560M-TE2
IC910
TA78L05F-TE12L
IC903
TC4053BF(TEL N)
IC905 (1/2)
NJM5532MD (TE2)
IC905 (2/2)
NJM5532MD (TE2)
IC909 (2/2)
NJM4560M-TE2
Q901
2SK711-BL/V-TE85L
IC909 (1/2)
NJM4560M-TE2
IC912 (2/2)
NJM4560M-TE2
TP901
E901
Q905
2SA1611T1-M5M6
Q1001
2SK711-BL/V-TE85L
IC907 (1/2)
NJM4560M-TE2
IC901 (1/2)
NJM4560M-TE2
IC911
TA79L05F (TE12L)
001-B10. 002-B10. 003-B1. 004
001-B10. 002-B10. 003-B2. 004
009-G1
007-N10
DIGITAL_FILTER_RESET
007-N7
DE-EMPH_MONI_L
H-CUE_LCH_MUTE_ON
CN120 (58/100)
CN120 (57/100)
120-29B
120-29A
MONI_L_VAR_X
MONI_L_VAR_G
CN119 (79/100)
CN119 (81/100)
119-40A
119-41A
CUE_MONITOR_X
CUE_MONITOR_G
-2dBs
007-N6
MONI_LCH_CUE
MONI_RCH_CUE
DE-EMPH_MONI_R
H-CUE_RCH_MUTE_ON
CN120 (62/100)
CN120 (61/100)
120-31B
120-31A
MONI_R_VAR_X
MONI_R_VAR_G
007-N11
MONITOR_P. O. W

1-28 (b)

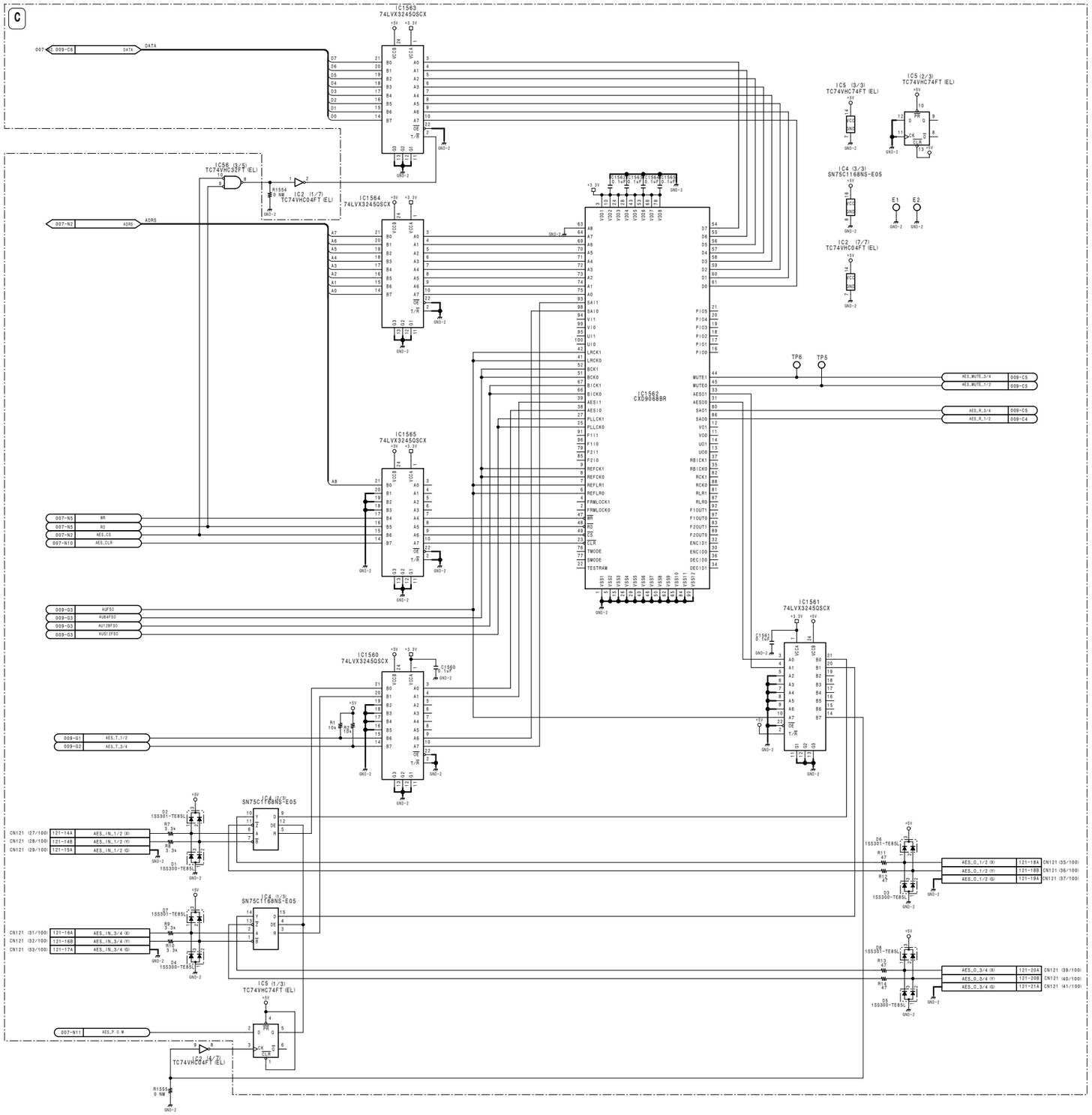


Monitor L/R D/A Convert & Output Drive

APR-1 BOARD (5/9)

BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB

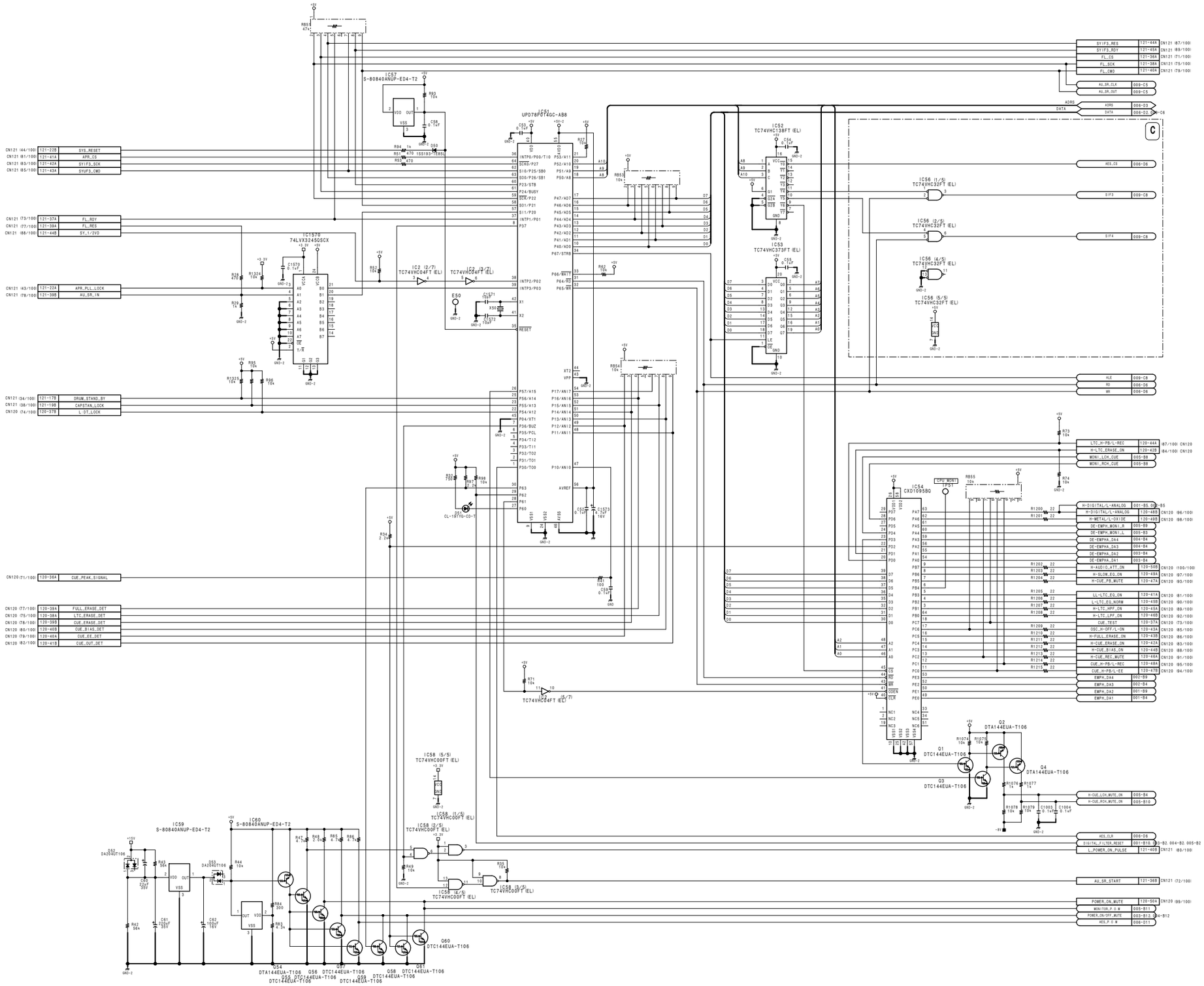
DVW-A500_APR-1_016_5



AES Encode/Decode

APR-1 BOARD (6/9)

BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB
DVW-A500_APR-1_016_6



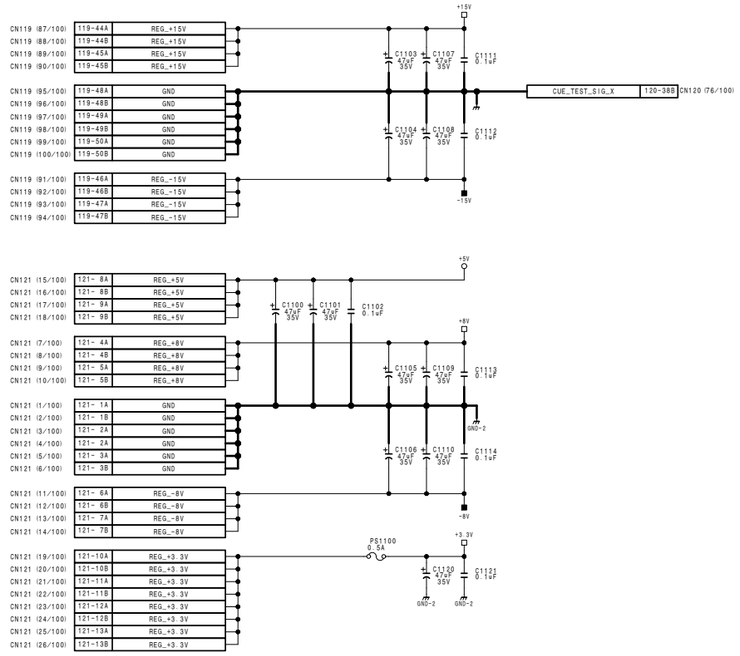
Digital Audio System Control

APR-1 BOARD (7/9)

BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB

DVW-A500_APR-1_016_7

APR-1 (8/9)



1-32 (b)

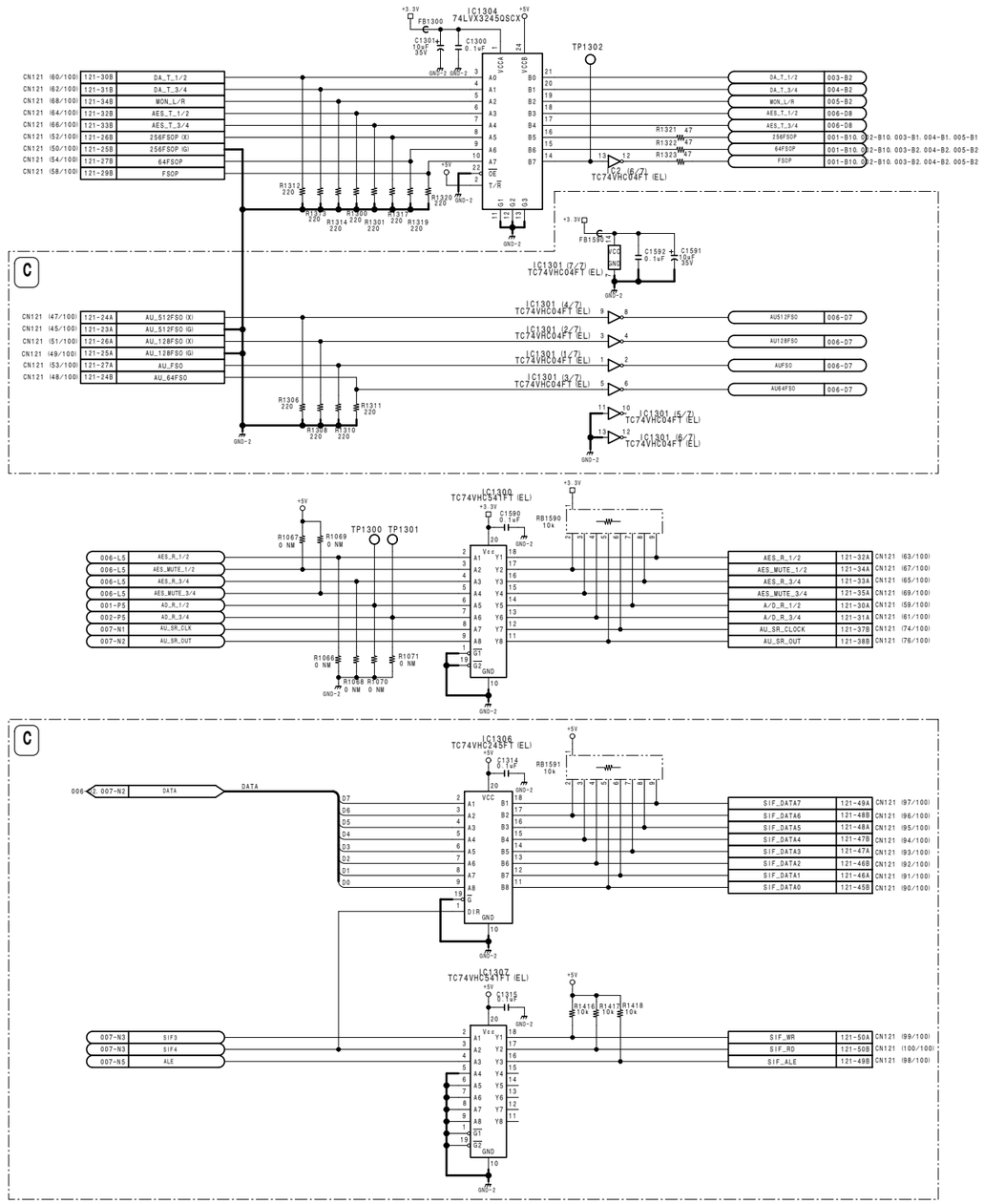
1-32 (b)

Digital Audio Self-Diagnosis

APR-1 BOARD (8/9)

BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB

DVW-A500_APR-1_016_8



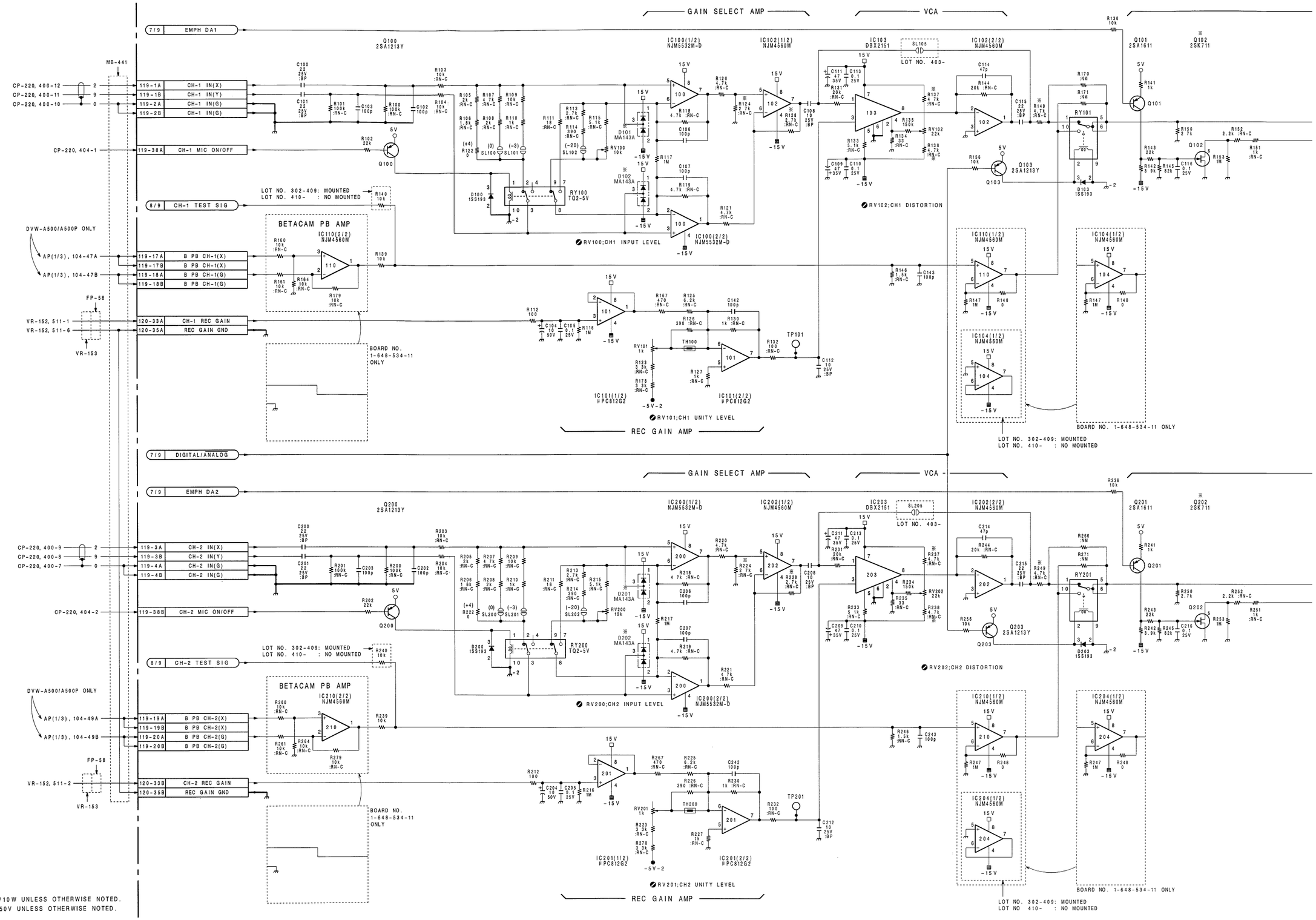
Bus Buffer

APR-1 BOARD (9/9)

BOARD NO. 1-648-534-16
BOARD'S LOT NO. 910-
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1 MCB
DVW-A500P (UC) : APR-1 MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1 MCB
DVW-500P (UC) : APR-1 MCB
DVW-A510 (J, UC) : APR-1BA MCB
DVW-A510P (EK) : APR-1BA MCB
DVW-510 (J, UC) : APR-1B MCB
DVW-510P (EK) : APR-1B MCB
DVW-CA510 (J, UC) : APR-1BA MCB
DVW-CA510P (EK) : APR-1BA MCB

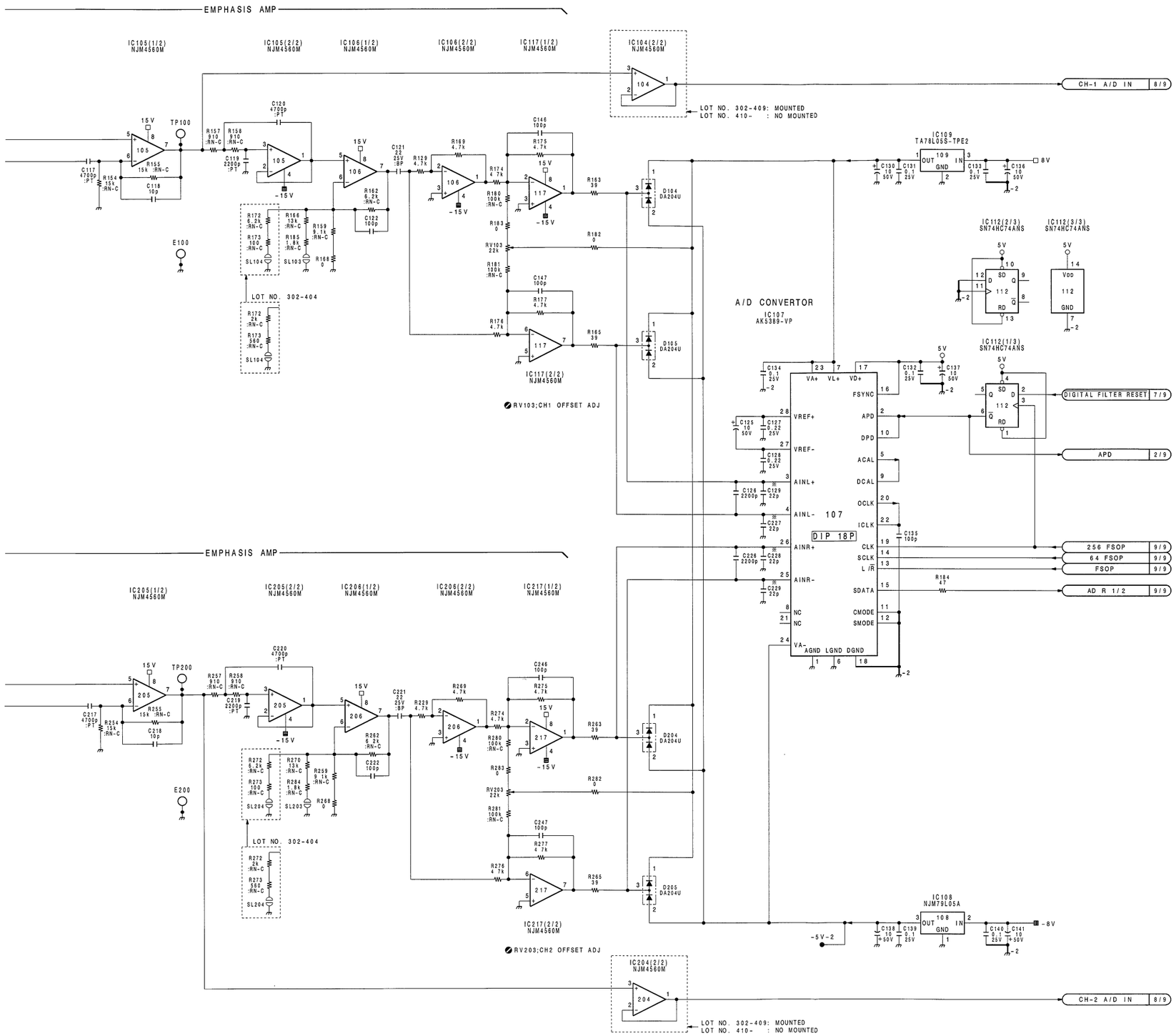
DVW-A500_APR-1_016_9

APR-1 (1/9)


GAIN SELECT AMP
VCA
REC GAIN AMP
BETACAM PB AMP
7/9 EMPH DA1
8/9 CH-1 TEST SIG
7/9 DIGITAL/ANALOG
7/9 EMPH DA2
8/9 CH-2 TEST SIG
CP-220, 400-12
CP-220, 400-11
CP-220, 400-10
CP-220, 404-1
CP-220, 400-9
CP-220, 400-8
CP-220, 400-7
CP-220, 404-2
119-1A CH-1 IN(X)
119-1B CH-1 IN(Y)
119-2A CH-1 IN(G)
119-2B CH-1 IN(G)
119-38A CH-1 MIC ON/OFF
119-3A CH-2 IN(X)
119-3B CH-2 IN(Y)
119-4A CH-2 IN(G)
119-4B CH-2 IN(G)
119-38B CH-2 MIC ON/OFF
119-17A B PB CH-1(X)
119-17B B PB CH-1(X)
119-18A B PB CH-1(G)
119-18B B PB CH-1(G)
119-19A B PB CH-2(X)
119-19B B PB CH-2(X)
119-20A B PB CH-2(G)
119-20B B PB CH-2(G)
120-33A CH-1 REC GAIN
120-35A REC GAIN GND
120-33B CH-2 REC GAIN
120-35B REC GAIN GND
DVW-A500/A500P ONLY
AP(1/3), 104-47A
AP(1/3), 104-47B
AP(1/3), 104-49A
AP(1/3), 104-49B
MB-441
FP-58
VR-152, 511-1
VR-152, 511-6
VR-153
LOT NO. 302-409: MOUNTED
LOT NO. 410- : NO MOUNTED
BOARD NO. 1-648-534-11 ONLY
RV100;CH1 INPUT LEVEL
RV101;CH1 UNITY LEVEL
RV102;CH1 DISTORTION
RV200;CH2 INPUT LEVEL
RV201;CH2 UNITY LEVEL
RV202;CH2 DISTORTION
IC100(1/2) NJM5532M-D
IC100(2/2) NJM5532M-D
IC200(1/2) NJM5532M-D
IC200(2/2) NJM5532M-D
IC101(1/2) μPC812G2
IC101(2/2) μPC812G2
IC201(1/2) μPC812G2
IC201(2/2) μPC812G2
IC102(1/2) NJM4560M
IC102(2/2) NJM4560M
IC110(1/2) NJM4560M
IC110(2/2) NJM4560M
IC202(1/2) NJM4560M
IC202(2/2) NJM4560M
IC210(1/2) NJM4560M
IC210(2/2) NJM4560M
IC103 DBX2151
IC203 DBX2151
IC104(1/2) NJM4560M
IC204(1/2) NJM4560M
SL105
SL205
LOT NO. 403-
Q100 2SA1213Y
Q101 2SA1611
Q102 2SK711
Q103 2SA1213Y
Q200 2SA1213Y
Q201 2SA1611
Q202 2SK711
Q203 2SA1213Y
D101 MA143A
D102 MA143A
D201 MA143A
D202 MA143A
D100 1SS193
D163 1SS193
D200 1SS193
D203 1SS193
RY100 TQ2-5V
RY200 TQ2-5V
RY101
RY201
TP101
TP201
TH100
TH200
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1-20 (a)

APR-1 (1/9)



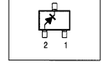
※PART CHANGE INFORMATION

旧部品に対する補修部品 同時に交換する部品

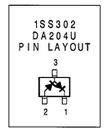
	Part change information Ref. No.	Old	New	Change LOT No.	Repair part for Old part	Simulataneously change part
F-1	R137	20k	4.7k	309	4.7k	R138
F-2	R138	20k	4.7k	309	4.7k	R137
F-4	R237	20k	4.7k	309	4.7k	R238
F-4	R238	20k	4.7k	309	4.7k	R237
L-3	C129	2200p	22p	401	22p	C227, C228, C229
L-3	C227	2200p	22p	401	22p	C129, C228, C229
L-3	C228	2200p	22p	401	22p	C129, C227, C229
L-3	C229	2200p	22p	401	22p	C129, C227, C228
E-1	D101	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
E-2	D102	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
E-4	D201	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
E-4	D202	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
H-1	Q102	2SK300	2SK711	405	2SK711	
H-3	Q202	2SK300	2SK711	405	2SK711	
E-1	R124	4.7k	2.7k	△ 405	2.7k	R128, R149
E-1	R128	4.7k	2.7k	△ 405	2.7k	R124, R149
G-1	R149	11k	4.7k	△ 405	4.7k	R124, R128
E-4	R224	4.7k	2.7k	△ 405	2.7k	R228, R249
E-4	R228	4.7k	2.7k	△ 405	2.7k	R224, R249
G-4	R249	11k	4.7k	△ 405	4.7k	R224, R228

△ : IN THE CASE OF APR-1P MCB, CHANGED FROM LOT NO 403

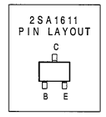
1SS193 PIN LAYOUT



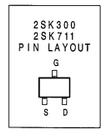
1SS302 DA204U PIN LAYOUT



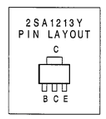
2SA1611 PIN LAYOUT



2SK300 2SK711 PIN LAYOUT



2SA1213Y PIN LAYOUT



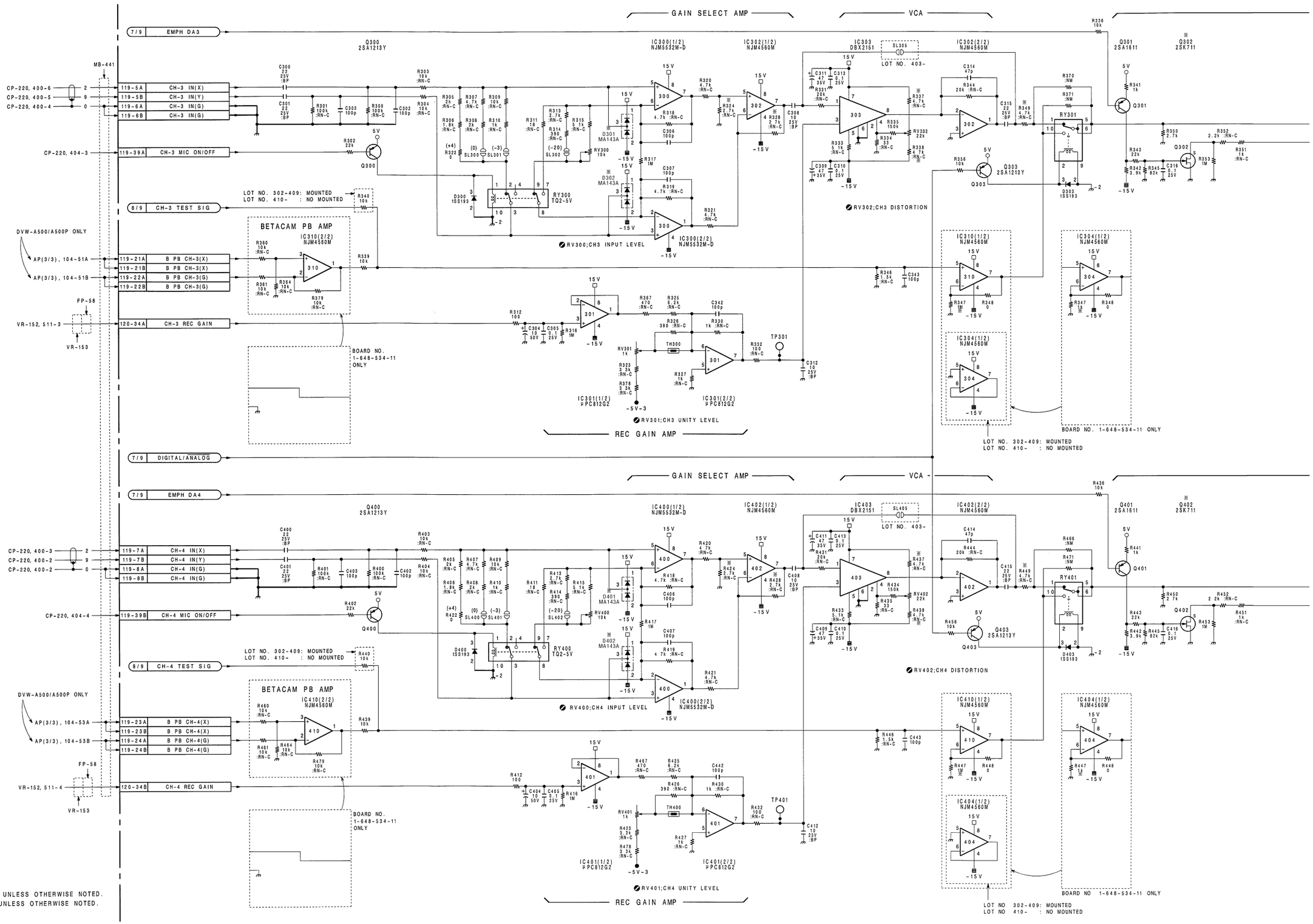
LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

CH-1/CH-2 A/D Convert

APR-1 BOARD (1/9)

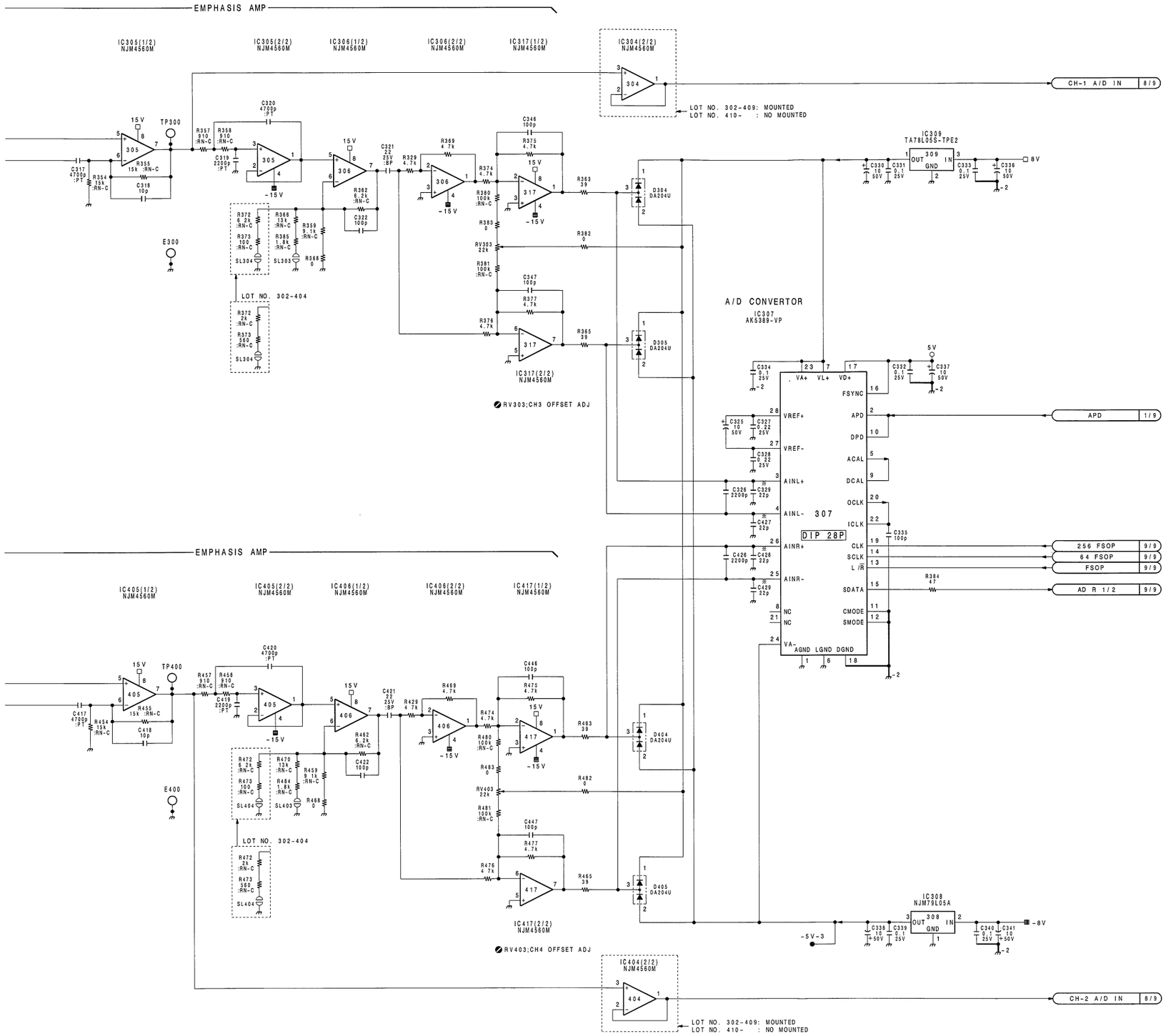
BOARD NO. 1-648-534-11, 12, 13, 14
BOARD' S LOT NO. 302-909
DVW-A500(J, UC) :APR-1 MCB
DVW-A500P(EK) :APR-1P MCB
DVW-A500P(UC) :APR-1PG MCB
DVW-500 (J, UC) :APR-1 MCB
DVW-500P (EK) :APR-1P MCB
DVW-500P (UC) :APR-1PG MCB

DVW-APR1-ALL-REC-S/M-04



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

APR-1 (2/9)

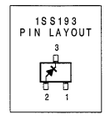


※PART CHANGE INFORMATION　　旧部品に対する補修部品　同時に交換する部品

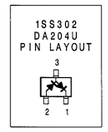
	Part change information Ref. No.	Old	New	Change LOT No.	Repair part for Old part	Simultaneously change part
F-1	R337	20k	4.7k	309	4.7k	R338
F-2	R338	20k	4.7k	309	4.7k	R337
F-4	R437	20k	4.7k	309	4.7k	R438
F-4	R438	20k	4.7k	309	4.7k	R437
F-2	R347	1k	1M	310	1M	
G-2						
F-5	R447	1k	1M	310	1M	
G-5						
L-3	C329	2200p	22p	401	22p	C427, C428, C429
L-3	C427	2200p	22p	401	22p	C329, C428, C429
L-3	C428	2200p	22p	401	22p	C329, C427, C429
L-3	C429	2200p	22p	401	22p	C329, C427, C428
E-1	D301	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
E-2	D302	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
E-4	D401	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
E-4	D402	DA204U	1SS302	403	MA143A	
		1SS302	MA143A	806		
H-1	Q302	2SK300	2SK711	405	2SK711	
H-3	Q402	2SK300	2SK711	405	2SK711	
E-1	R324	4.7k	2.7k	⚠405	2.7k	R328, R349
E-1	R328	4.7k	2.7k	⚠405	2.7k	R324, R349
G-1	R349	11k	4.7k	⚠405	4.7k	R324, R328
E-4	R424	4.7k	2.7k	⚠405	2.7k	R428, R449
E-4	R428	4.7k	2.7k	⚠405	2.7k	R424, R449
G-4	R449	11k	4.7k	⚠405	4.7k	R424, R428

⚠ : IN THE CASE OF APR-1P MCB, CHANGED FROM LOT NO. 403.

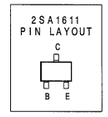
1SS193 PIN LAYOUT



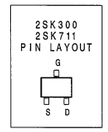
1SS302 DA204U PIN LAYOUT



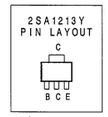
2SA1611 PIN LAYOUT



2SK300 2SK711 PIN LAYOUT



2SA1213Y PIN LAYOUT



LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

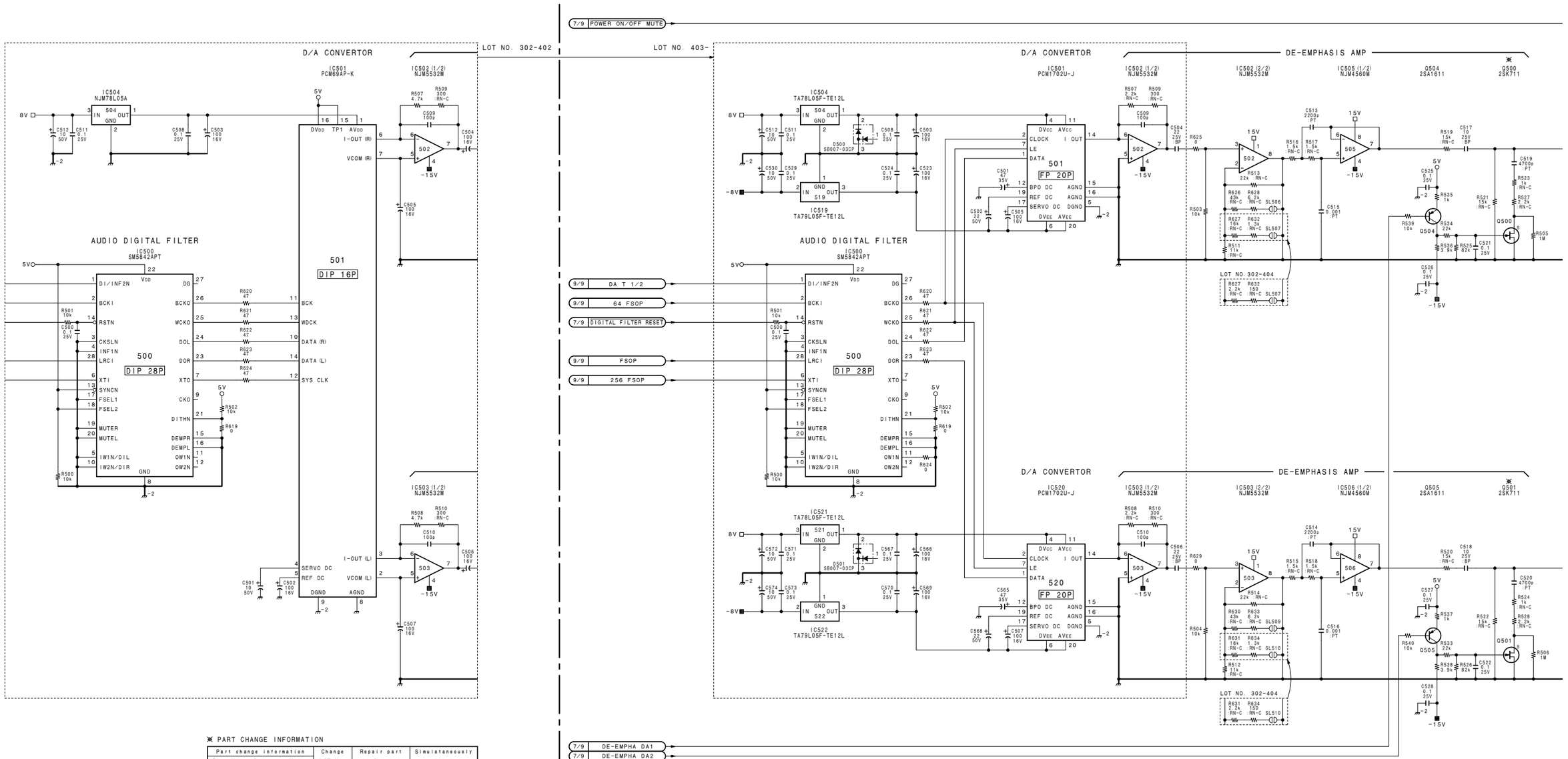
CH-3/CH-4 A/D Convert

APR-1 BOARD (2/9)

BOARD NO. 1-648-534-11, 12, 13, 14
BOARD' S LOT NO. 302-909
DVW-A500(J, UC) :APR-1 MCB
DVW-A500P(EK) :APR-1P MCB
DVW-A500P(UC) :APR-1PG MCB
DVW-500 (J, UC) :APR-1 MCB
DVW-500P (EK) :APR-1P MCB
DVW-500P (UC) :APR-1PG MCB

DVW-APR1-ALL-REC-S/M-04

APR-1 (3/9)



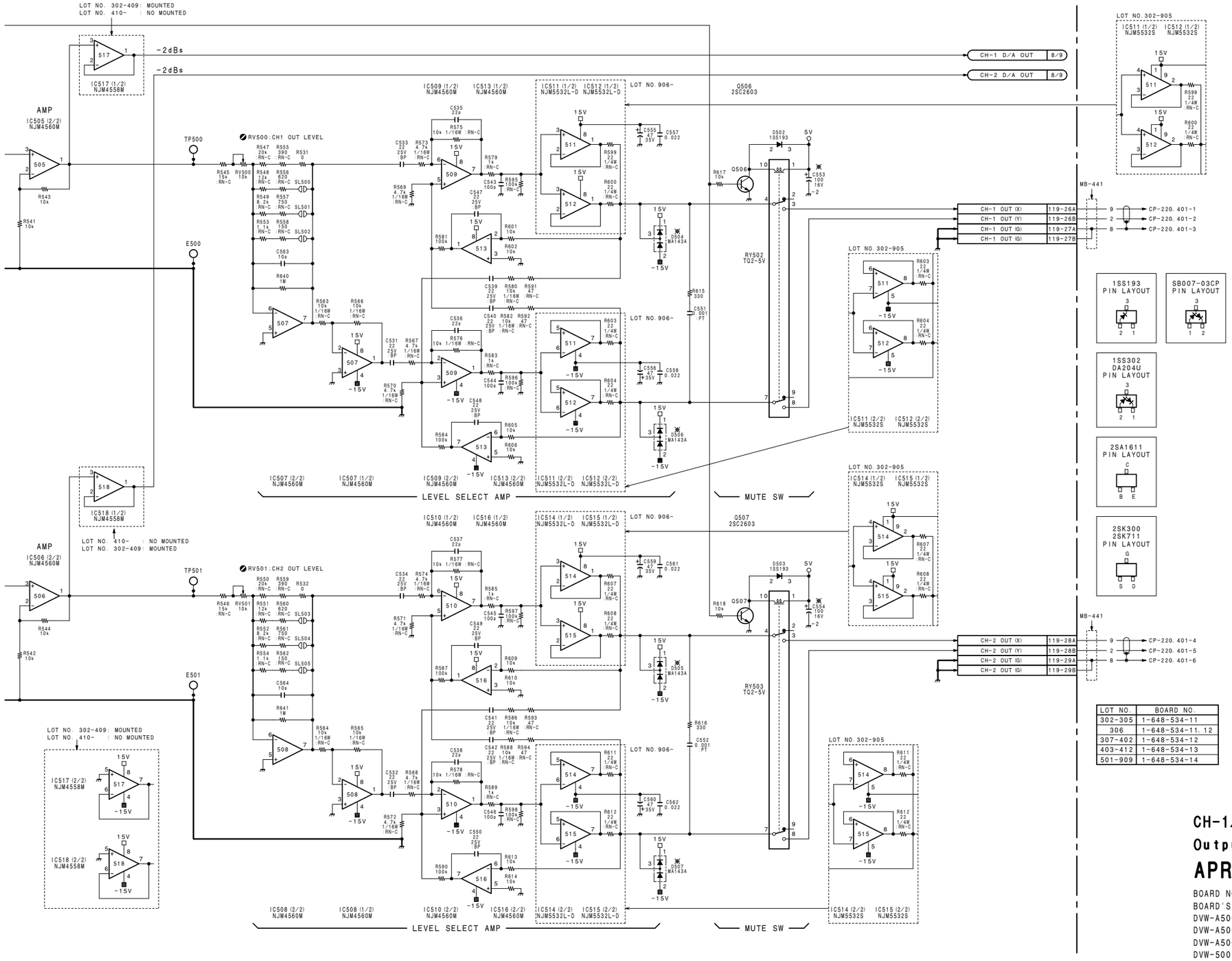
※ PART CHANGE INFORMATION

Part change information		Change	Repair part	Simultaneously
Ref. No.	Old → New	LOT No.	for Old part	change part
C553	10 50V → 100 16V	310	100 16V	
C554	10 50V → 100 16V	310	100 16V	
D504				D504-507, D704-707, D907-910
D505	DA204U → 1SS302	311	MA143A	
D506	1SS302 → MA143A	806		
D507				
Q500	2SK300 → 2SK711	405	2SK711	
Q501	2SK300 → 2SK711	405	2SK711	

NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1-24 (a)

APR-1 (3/9)



LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

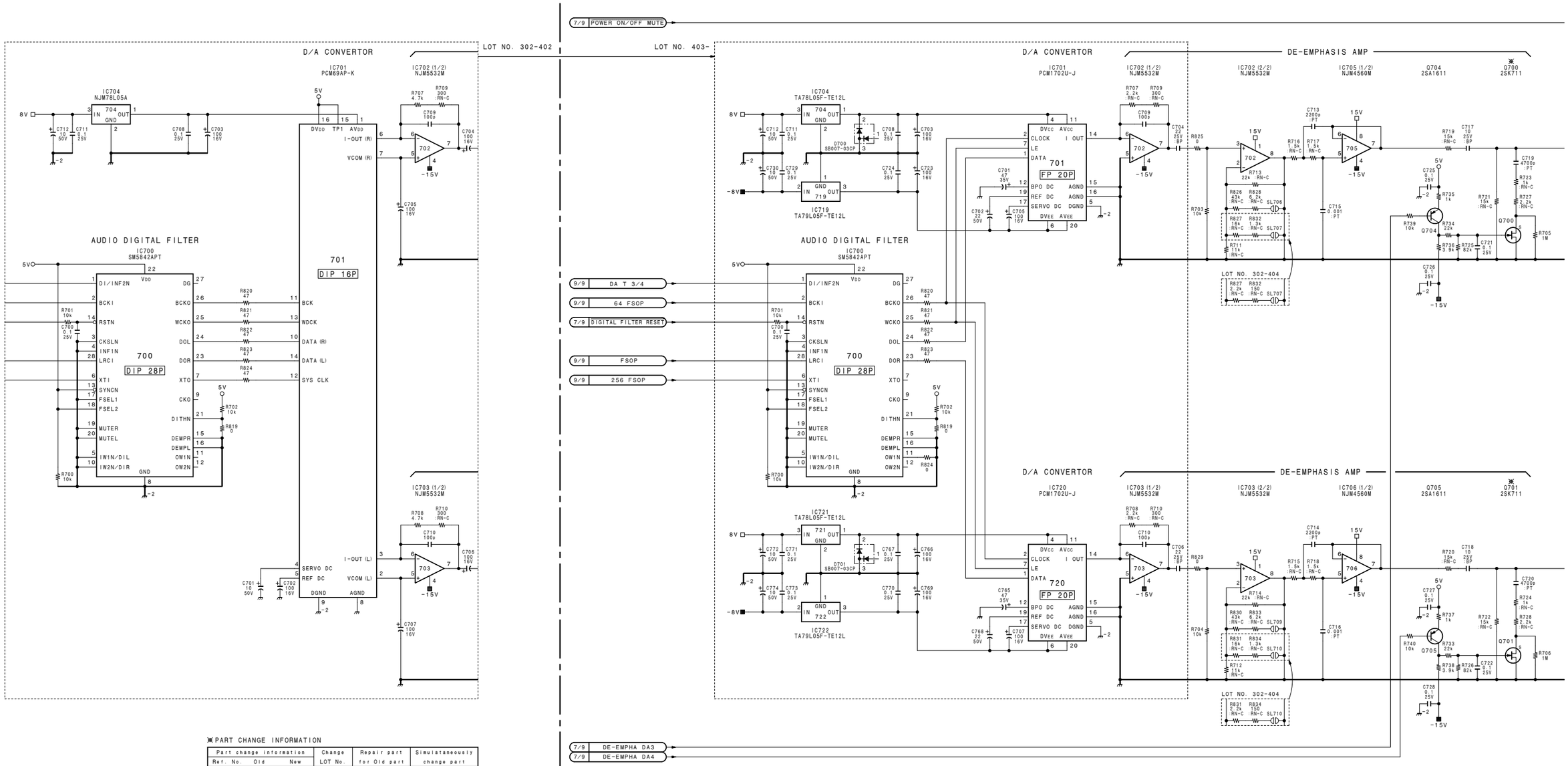
CH-1/CH-2 D/A Convert & Output Drive

APR-1 BOARD (3/9)

BOARD NO. 1-648-534-11, 12, 13, 14
BOARD'S LOT NO. 302-909
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1P MCB
DVW-A500P (UC) : APR-1PG MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1G MCB
DVW-500P (UC) : APR-1PG MCB

DVW-APR1-ALL-REC-S/M-04

APR-1 (4/9)

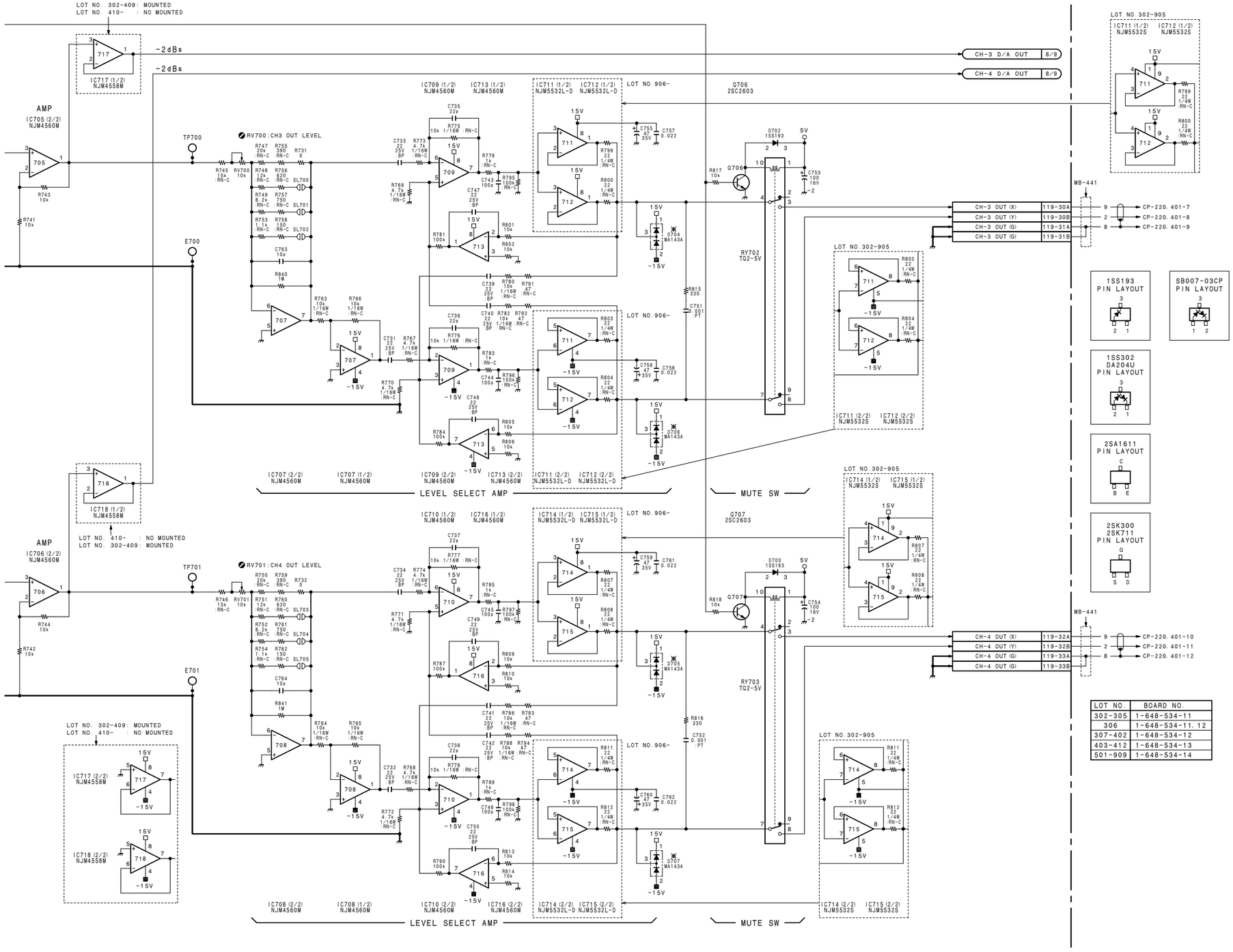


※PART CHANGE INFORMATION

Part change information			Change	Repair part	Simultaneously
Ref. No.	Old	New	LOT No.	for Old part	change part
D704	DA204U	1SS302	311	MA143A	D504-507, D704-707, D907-910
D705					
D706	1SS302	MA143A	806		
D707					
Q700	2SK300	2SK711	405	2SK711	
Q701	2SK300	2SK711	405	2SK711	

NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

APR-1 (4/9)



LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

CH-3/CH-4 D/A Convert & Output Drive

APR-1 BOARD (4/9)

BOARD NO. 1-648-534-11, 12, 13, 14
BOARD'S LOT NO. 302-909
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1P MCB
DVW-A500P (UC) : APR-1PG MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1G MCB
DVW-500P (UC) : APR-1PG MCB

DVW-APR1-ALL-REC-S/M-04

APR-1 (5/9)

※ PART CHANGE INFORMATION

Part change information			Change	Repair part	Simultaneously
Ref. No.	Old	New	LOT No.	for Old part	change part
D907	DA204U	1SS302	311	MA143A	D504-507. D704-707. D907-910
D908					
D909	1SS302	MA143A	806		
D910					
Q900	2SK300	2SK711	405	2SK711	
Q901					
Q1000					
Q1001					

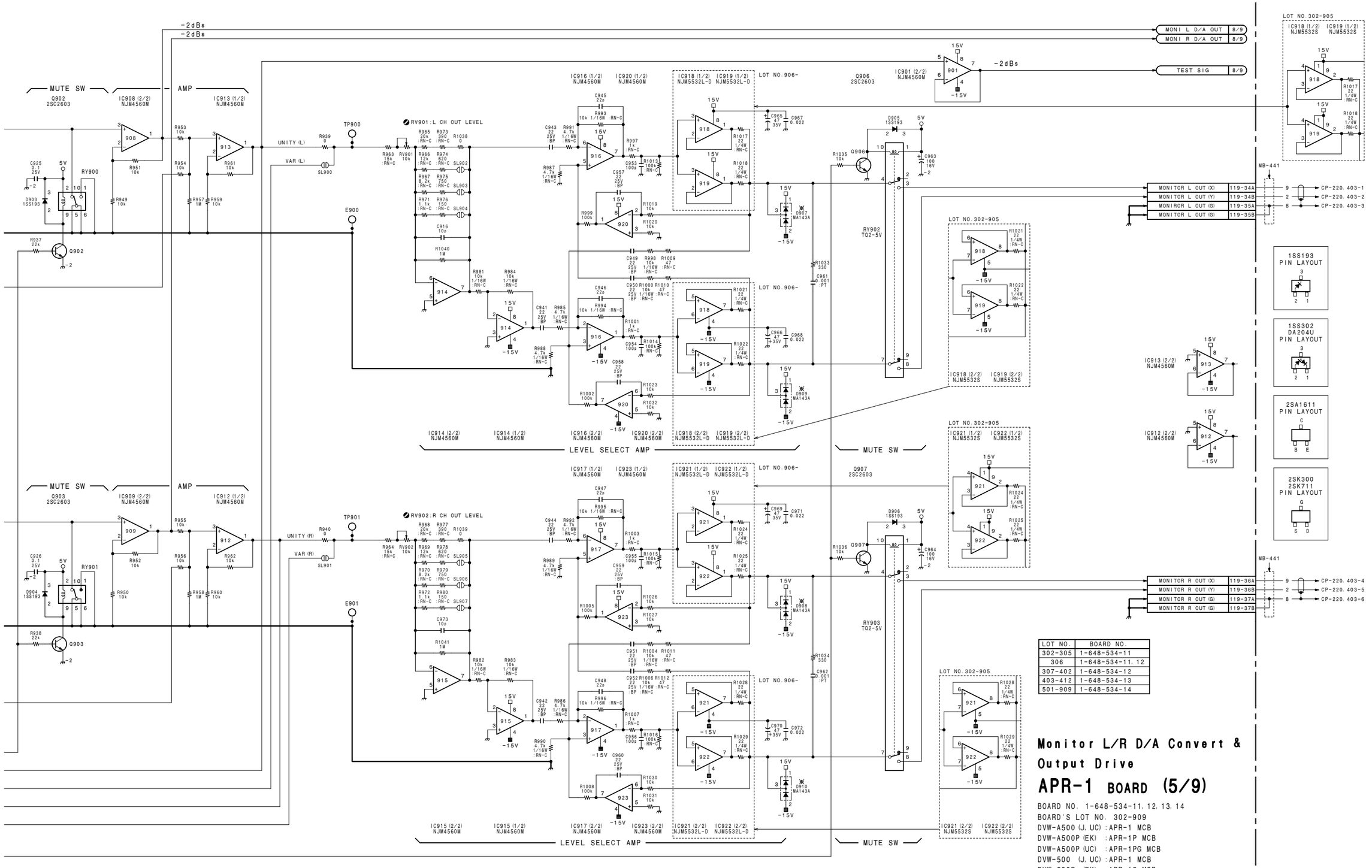
BOARD NO. 1-648-534-11 ONLY

BOARD NO. 1-648-534-11 OMLY

NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1-28 (a)

APR-1 (5/9)



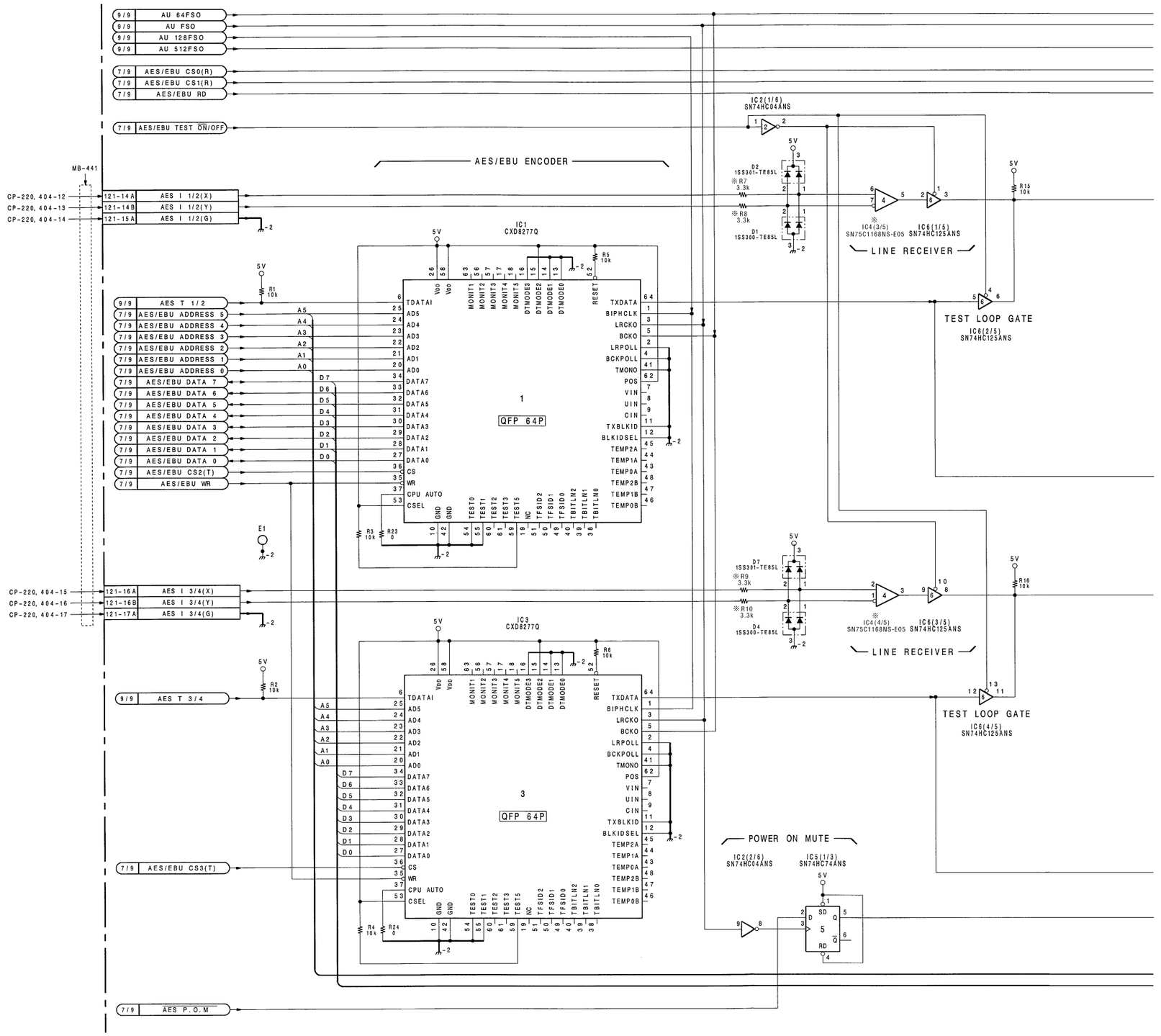
LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

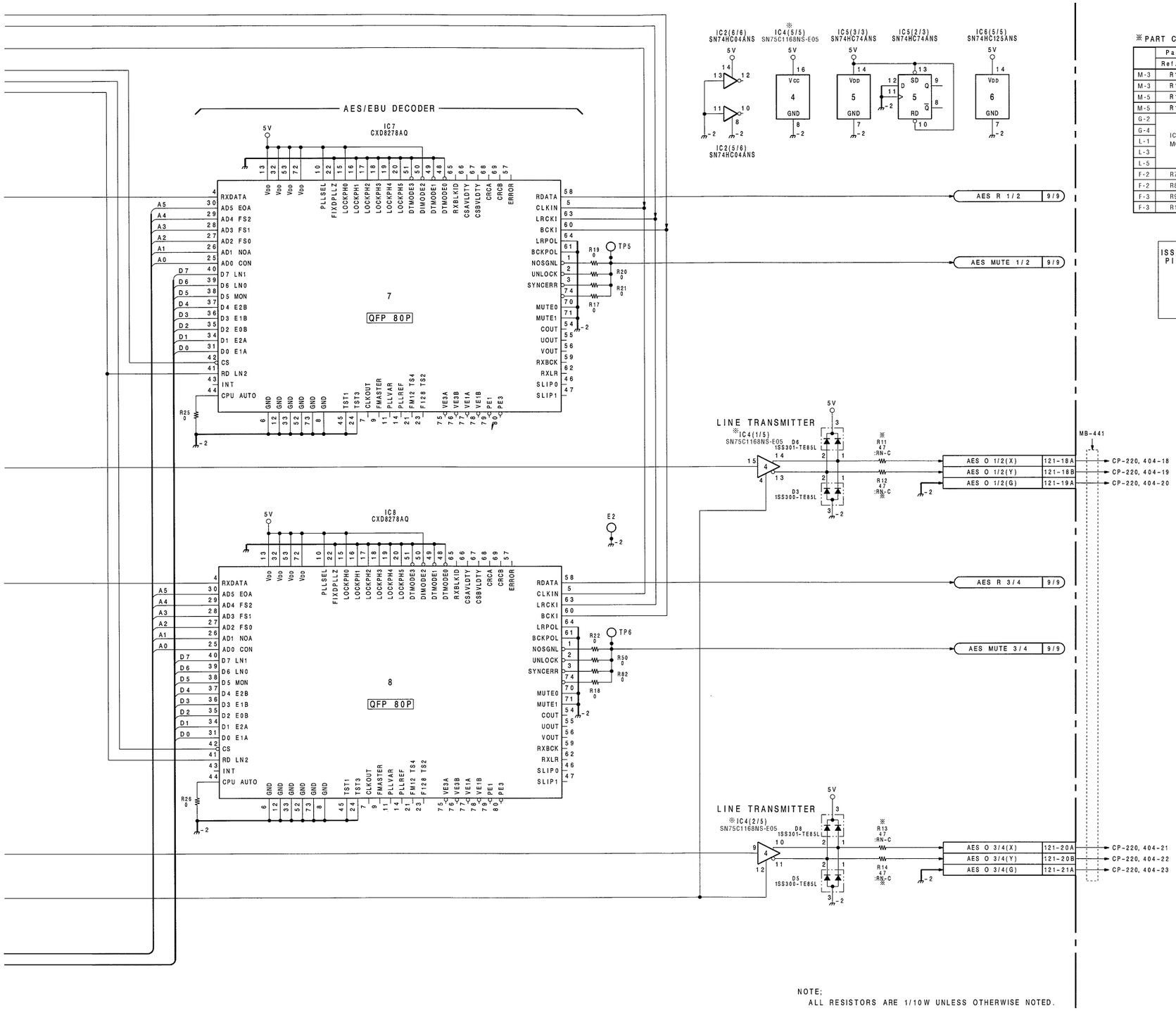
Monitor L/R D/A Convert & Output Drive

APR-1 BOARD (5/9)

BOARD NO. 1-648-534-11, 12, 13, 14
BOARD'S LOT NO. 302-909
DVW-A500 (J, UC) : APR-1 MCB
DVW-A500P (EK) : APR-1P MCB
DVW-A500P (UC) : APR-1PG MCB
DVW-500 (J, UC) : APR-1 MCB
DVW-500P (EK) : APR-1G MCB
DVW-500P (UC) : APR-1PG MCB

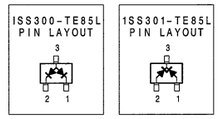
DVW-APR1-ALL-REC-S/M-04


AES/EBU ENCODER
IC1 CXD8277Q
IC2(1/6) SN74HC04ANS
IC4(3/5) SN75C1168NS-E05
IC6(1/5) SN74HC125ANS
LINE RECEIVER
TEST LOOP GATE
IC6(2/5) SN74HC125ANS
IC3 CXD8277Q
IC2(4/6) SN74HC04ANS
IC4(4/5) SN75C1168NS-E05
IC6(3/5) SN74HC125ANS
IC6(4/5) SN74HC125ANS
POWER ON MUTE
IC2(2/6) SN74HC04ANS
IC5(1/3) SN74HC74ANS
QFP 64P
MB-441
AU 64FSO
AU FSO
AU 128FSO
AU 512FSO
AES/EBU CS0(R)
AES/EBU CS1(R)
AES/EBU RD
AES/EBU TEST ON/OFF
AES I 1/2(X)
AES I 1/2(Y)
AES I 1/2(G)
AES I 3/4(X)
AES I 3/4(Y)
AES I 3/4(G)
AES T 1/2
AES T 3/4
AES/EBU ADDRESS 5
AES/EBU ADDRESS 4
AES/EBU ADDRESS 3
AES/EBU ADDRESS 2
AES/EBU ADDRESS 1
AES/EBU ADDRESS 0
AES/EBU DATA 7
AES/EBU DATA 6
AES/EBU DATA 5
AES/EBU DATA 4
AES/EBU DATA 3
AES/EBU DATA 2
AES/EBU DATA 1
AES/EBU DATA 0
AES/EBU CS2(T)
AES/EBU CS3(T)
AES/EBU WR
AES P.O.M
TDATAI
AD5
AD4
AD3
AD2
AD1
AD0
DATA7
DATA6
DATA5
DATA4
DATA3
DATA2
DATA1
DATA0
CS
WR
CPU AUTO
CSEL
TXDATA
BIPHCLK
LRCKO
BCKO
LRPOLL
BCKPOLL
TMONO
POS
VIN
UIN
CIN
TXBLKID
BLKIDSEL
TEMP2A
TEMP1A
TEMP0A
TEMP2B
TEMP1B
TEMP0B
RESET
CP-220, 404-12
CP-220, 404-13
CP-220, 404-14
CP-220, 404-15
CP-220, 404-16
CP-220, 404-17



※PART CHANGE INFORMATION　旧部品に対する補修部品　同時に交換する部品

	Part change information Ref. No.	Old	New	Change LOT No.	Repair part for Old part	Simulataneously change part
M-3	R11	10	47	306	47	R12, R13, R14
M-3	R12	10	47	306	47	R11, R13, R14
M-5	R13	10	47	306	47	R11, R12, R14
M-5	R14	10	47	306	47	R11, R12, R13
G-2 G-4 L-1 L-3 L-5	IC4 MC34051M → SN75C1168NS-E05			804	SN75C1168NS-E05	R7-R10
F-2	R7	10	3.3k	804	3.3k	IC4, R8, R9, R10
F-2	R8	10	3.3k	804	3.3k	IC4, R7, R9, R10
F-3	R9	10	3.3k	804	3.3k	IC4, R7, R8, R10
F-3	R10	10	3.3k	804	3.3k	IC4, R7, R8, R9



LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

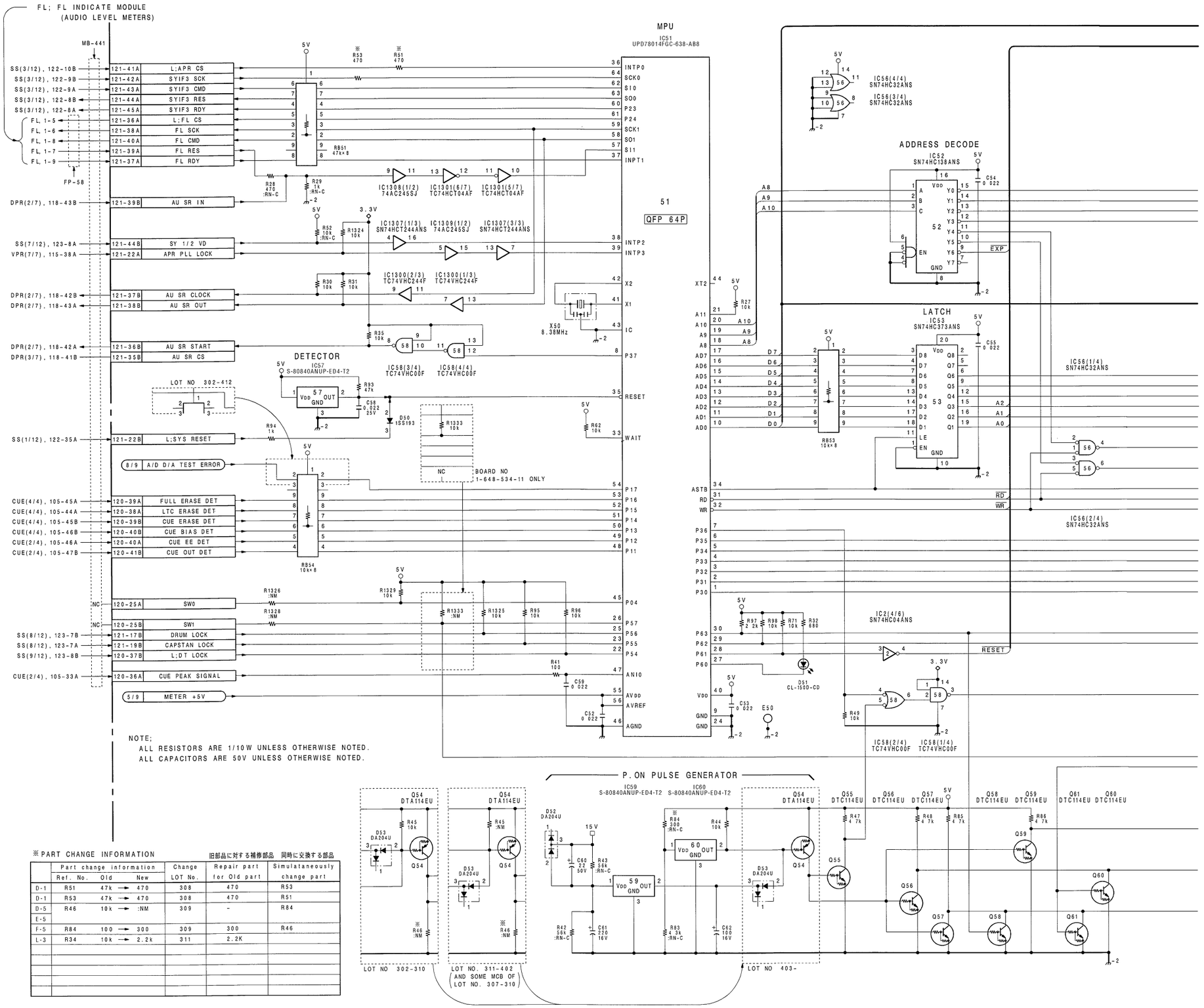
AES/EBU Encode/Decode

APR-1 BOARD (6/9)

BOARD NO. 1-648-534-11, 12, 13, 14
BOARD' S LOT NO. 302-909
DVW-A500(J, UC) :APR-1 MCB
DVW-A500P(EK) :APR-1P MCB
DVW-A500P(UC) :APR-1PG MCB
DVW-500 (J, UC) :APR-1 MCB
DVW-500P (EK) :APR-1P MCB
DVW-500P (UC) :APR-1PG MCB

DVW-APR1-ALL-REC-S/M-04

APR-1 (7/9)

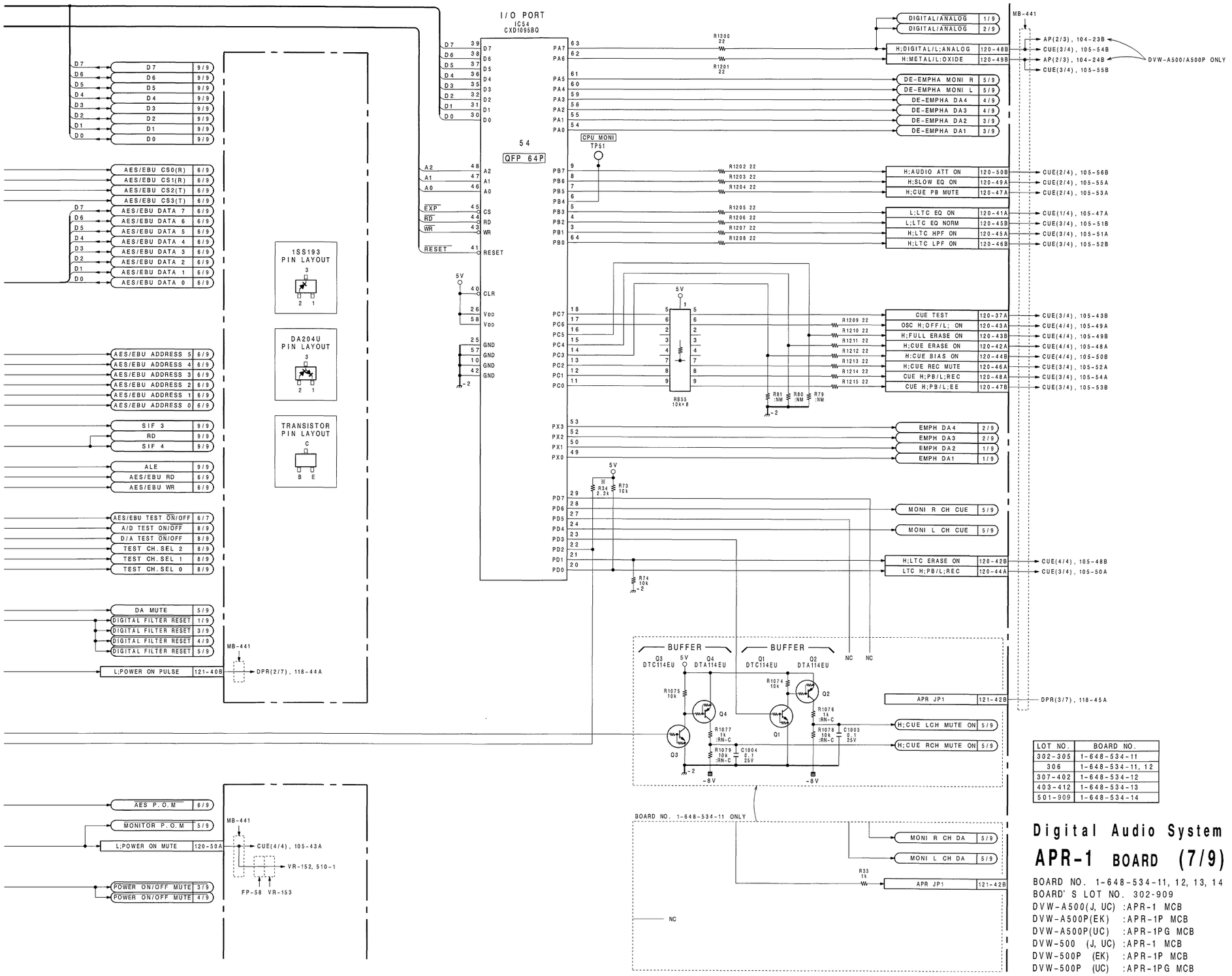


※PART CHANGE INFORMATION

旧部品に対する補修部品　同時に交換する部品

	Part change information			Change	Repair part	Simulataneously
	Ref. No.	Old	New	LOT No.	for Old part	change part
D-1	R51	47k	470	308	470	R53
D-1	R53	47k	470	308	470	R51
D-5	R46	10k	:NM	309	-	R84
E-5						
F-5	R84	100	300	309	300	R46
L-3	R34	10k	2.2k	311	2.2K	

1-32 (a)



LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

Digital Audio System Control

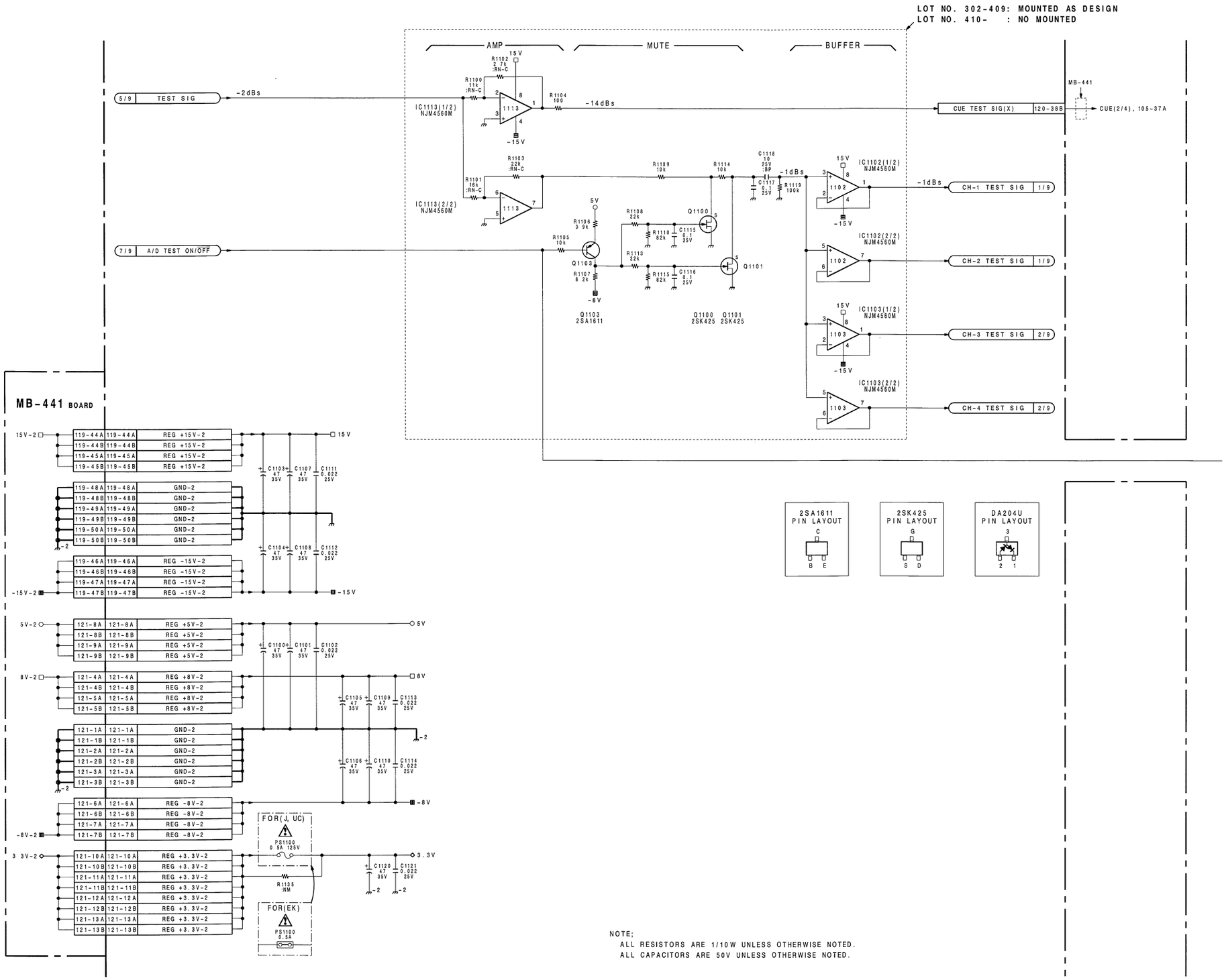
APR-1 BOARD (7/9)

BOARD NO. 1-648-534-11, 12, 13, 14
BOARD' S LOT NO. 302-909
DVW-A500(J, UC) :APR-1 MCB
DVW-A500P(EK) :APR-1P MCB
DVW-A500P(UC) :APR-1PG MCB
DVW-500 (J, UC) :APR-1 MCB
DVW-500P (EK) :APR-1P MCB
DVW-500P (UC) :APR-1PG MCB

DVW-APR1-ALL-REC-S/M-04

APR-1 (8/9)

LOT NO. 302-409: MOUNTED AS DESIGN
LOT NO. 410- : NO MOUNTED



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1-34 (a)

LOT NO. 302-409: MOUNTED AS DESIGN
LOT NO. 410- : NO MOUNTED

BUFFER

1/9 CH-1 A/D IN -14dBs
1/9 CH-2 A/D IN
2/9 CH-3 A/D IN
2/9 CH-4 A/D IN
7/9 TEST CH.SEL 0
7/9 TEST CH.SEL 1
7/9 TEST CH.SEL 2

IC1104(1/2) NJM4560M
IC1104(2/2) NJM4560M
IC1105(1/2) NJM4560M
IC1105(2/2) NJM4560M
15V / -15V / 5V / -5V
D1100 DA204U
D1102 DA204U
D1104 DA204U
D1106 DA204U
R1127 1.2k
R1128 1.2k
R1129 1.2k
R1130 1.2k

A/D TEST SIG SELECT
IC1100 MC14051BF
VDD X0 X1 X2 X3 X4 X5 X6 X7 XC EN VEE GND A B C OPEN
R1111 1k

IC1110(1/5) SN74HC00ANS
1116

BUFFER

3/9 CH-1 D/A OUT -2dBs
3/9 CH-2 D/A OUT
4/9 CH-3 D/A OUT
4/9 CH-4 D/A OUT
5/9 MONI L D/A OUT
5/9 MONI R D/A OUT
7/9 D/A TEST ON/OFF

IC1106(1/2) NJM4560M
IC1106(2/2) NJM4560M
IC1107(1/2) NJM4560M
IC1107(2/2) NJM4560M
IC1108(1/2) NJM4560M
IC1108(2/2) NJM4560M
D1101 DA204U
D1103 DA204U
D1105 DA204U
D1107 DA204U
D1108 DA204U
D1109 DA204U
R1131 5.1k :RN-C
R1132 5.1k :RN-C
R1133 5.1k :RN-C
R1134 5.1k :RN-C
R1037 5.1k :RN-C
R1046 5.1k :RN-C

D/A TEST SIG SELECT
IC1101 MC14051BF
VDD X0 X1 X2 X3 X4 X5 X6 X7 XC EN VEE GND A B C OPEN
R1112 4.7k

SIGNAL LEVEL DETECTOR

IC1109(2/2) μPC393G2
IC1110(3/5) SN74HC00ANS
IC1111(1/3) TC74HC123AF
R1123 15k
R1124 220k
R1044 18k
R1122 10k
R1125 4.7k
R1126 220k
C1119 0.1 25V
R1116 10k
R1118 24k :RN-C
R1120 220k
R1043 18k
R1117 10k
R1121 3.3k
R1045 220k
C1000 0.1 25V
IC1112(1/2) NJM4560M
-2dBs
IC1109(1/2) μPC393G2
IC1110(2/5) SN74HC00ANS
IC1111(2/3) TC74HC123AF
IC1110(4/5) SN74HC00ANS
IC1112(2/2) NJM4560M
IC1110(5/5) SN74HC00ANS
IC1111(3/3) TC74HC123AF
R2000 10k 1/4W :RD
LOT NO. 410-412
A/D D/A TEST ERROR 7/9

LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

Digital Audio Self-Diagnosis

APR-1 BOARD (8/9)

BOARD NO. 1-648-534-11, 12, 13, 14
BOARD' S LOT NO. 302-909
DVW-A500(J, UC) :APR-1 MCB
DVW-A500P(EK) :APR-1P MCB
DVW-A500P(UC) :APR-1PG MCB
DVW-500 (J, UC) :APR-1 MCB
DVW-500P (EK) :APR-1P MCB
DVW-500P (UC) :APR-1PG MCB

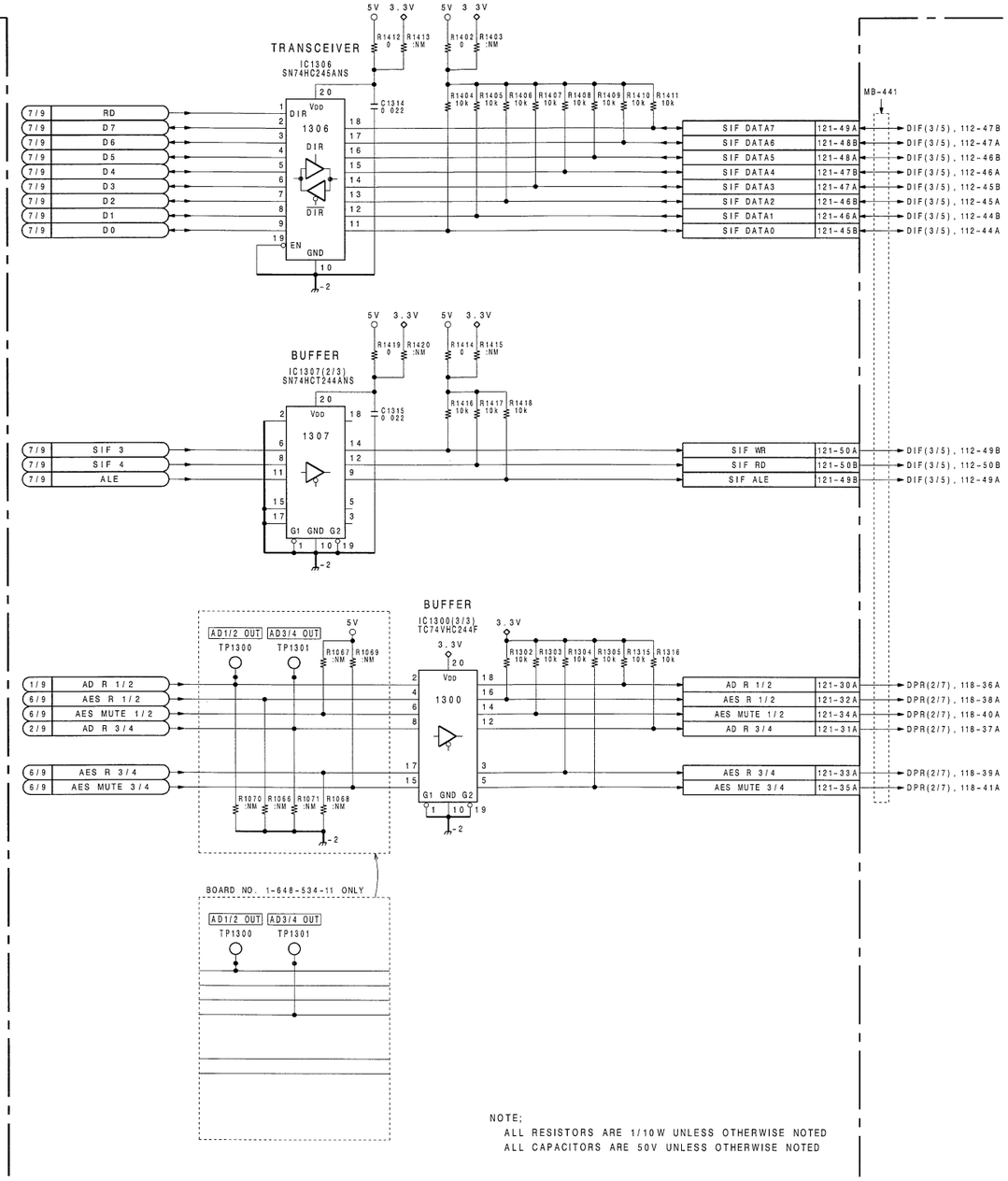
DVW-APR1-ALL-REC-S/M-04

APR-1 (9/9)

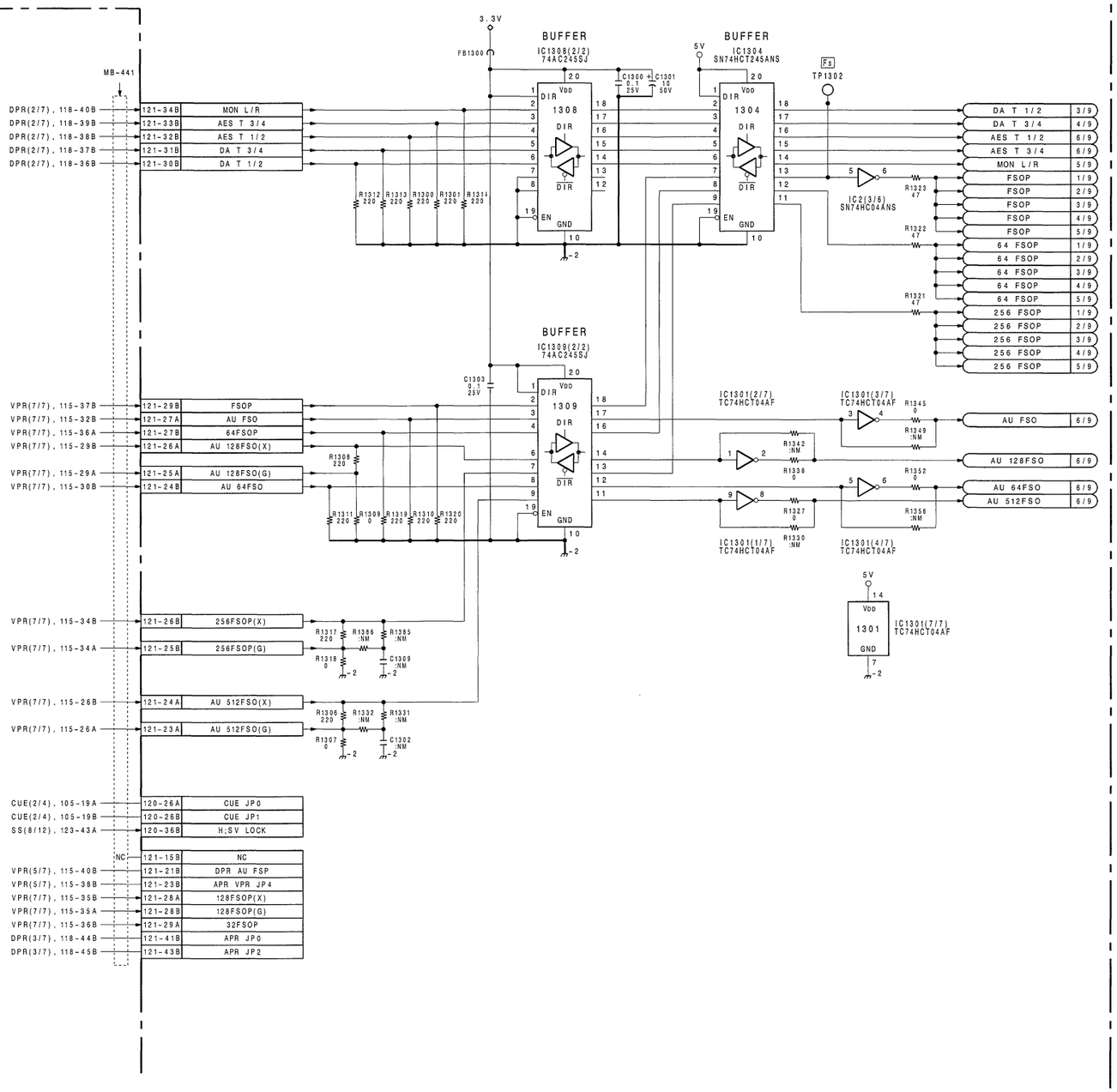
MB-441 BOARD

NC	119-9A	119-9A	NC
	119-9B	119-9B	NC
	119-10A	119-10A	NC
	119-10B	119-10B	NC
	119-11A	119-11A	NC
	119-11B	119-11B	NC
	119-12A	119-12A	NC
	119-12B	119-12B	NC
	119-13A	119-13A	NC
	119-13B	119-13B	NC
	119-14A	119-14A	NC
	119-14B	119-14B	NC
	119-15A	119-15A	NC
	119-15B	119-15B	NC
	119-16A	119-16A	NC
	119-16B	119-16B	NC
	119-25A	119-25A	NC
	119-25B	119-25B	NC
	119-42A	119-42A	NC
	119-42B	119-42B	NC
	119-43A	119-43A	NC
	119-43B	119-43B	NC

NC	120-1A	120-1A	NC
	120-1B	120-1B	NC
	120-2A	120-2A	NC
	120-2B	120-2B	NC
	120-3A	120-3A	NC
	120-3B	120-3B	NC
	120-4A	120-4A	NC
	120-4B	120-4B	NC
	120-5A	120-5A	NC
	120-5B	120-5B	NC
	120-6A	120-6A	NC
	120-6B	120-6B	NC
	120-7A	120-7A	NC
	120-7B	120-7B	NC
	120-8A	120-8A	NC
	120-8B	120-8B	NC
	120-9A	120-9A	NC
	120-9B	120-9B	NC
	120-10A	120-10A	NC
	120-10B	120-10B	NC
	120-11A	120-11A	NC
	120-11B	120-11B	NC
	120-12A	120-12A	NC
	120-12B	120-12B	NC
	120-13A	120-13A	NC
	120-13B	120-13B	NC
	120-14A	120-14A	NC
	120-14B	120-14B	NC
	120-15A	120-15A	NC
	120-15B	120-15B	NC
	120-16A	120-16A	NC
	120-16B	120-16B	NC
	120-17A	120-17A	NC
	120-17B	120-17B	NC
	120-18A	120-18A	NC
	120-18B	120-18B	NC
	120-19A	120-19A	NC
	120-19B	120-19B	NC
	120-20A	120-20A	NC
	120-20B	120-20B	NC
	120-21A	120-21A	NC
	120-21B	120-21B	NC
	120-22A	120-22A	NC
	120-22B	120-22B	NC
	120-23A	120-23A	NC
	120-23B	120-23B	NC
	120-24A	120-24A	NC
	120-24B	120-24B	NC
	120-27A	120-27A	NC
	120-27B	120-27B	NC
	120-32A	120-32A	NC
	120-32B	120-32B	NC



1-36 (a)



LOT NO.	BOARD NO.
302-305	1-648-534-11
306	1-648-534-11, 12
307-402	1-648-534-12
403-412	1-648-534-13
501-909	1-648-534-14

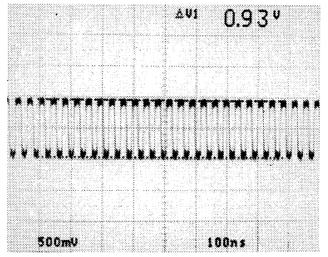
Bus Buffer

APR-1 BOARD (9/9)

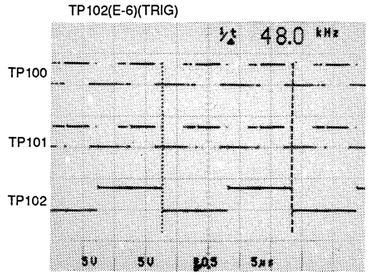
BOARD NO. 1-648-534-11, 12, 13, 14
BOARD' S LOT NO. 302-909
DVW-A500(J, UC) :APR-1 MCB
DVW-A500P(EK) :APR-1P MCB
DVW-A500P(UC) :APR-1PG MCB
DVW-500 (J, UC) :APR-1 MCB
DVW-500P (EK) :APR-1P MCB
DVW-500P (UC) :APR-1PG MCB

DVW-APR1-ALL-REC-S/M-04

① TP108(M-3) STOP (E-E) mode
TP108(M-3)(TRIG)

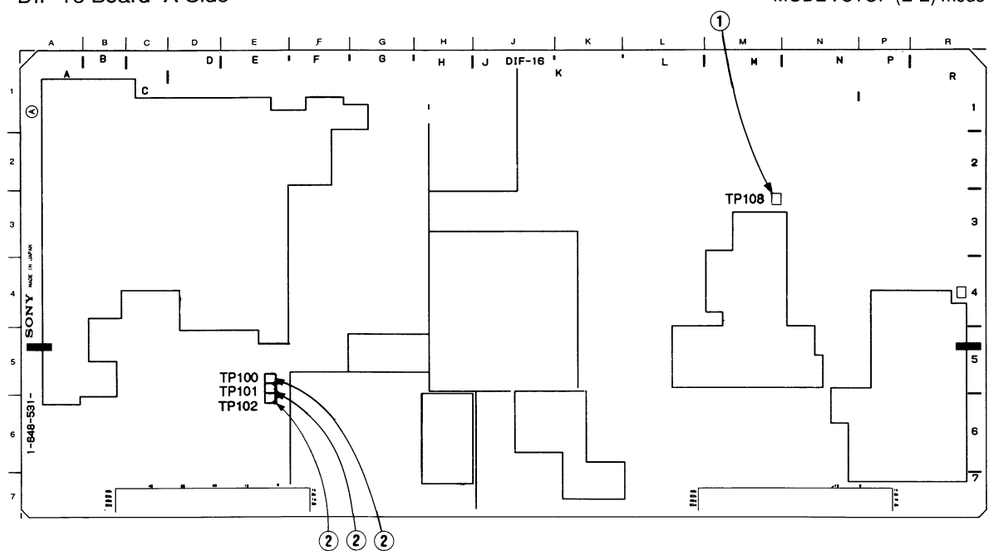


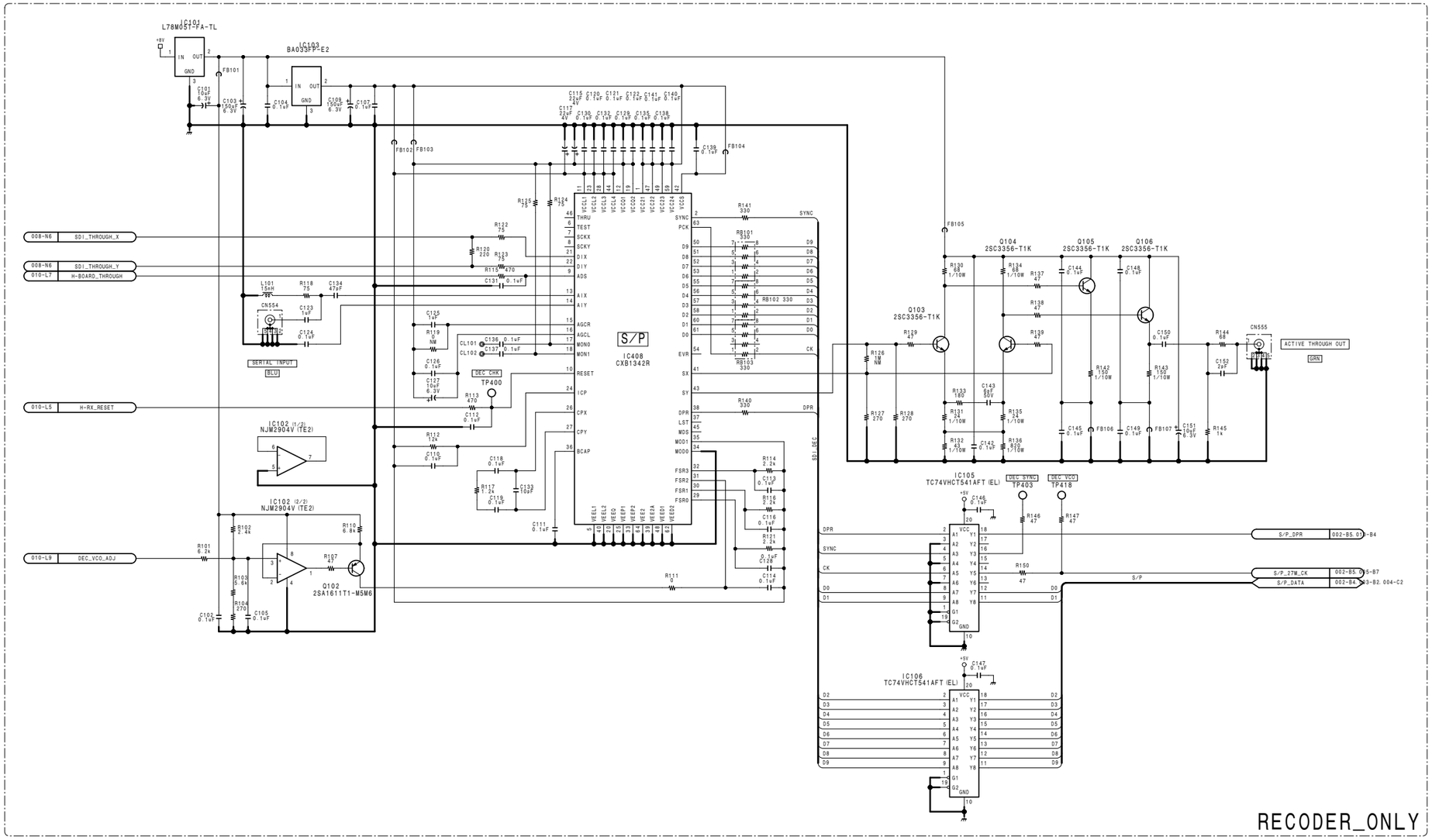
② TP100(E-5) STOP (E-E) mode
TP101(E-5) STOP (E-E) mode
TP102(E-6)(TRIG)



DIF-16 Board -A Side-

Measurement Condition
MODE : STOP (E-E) mode





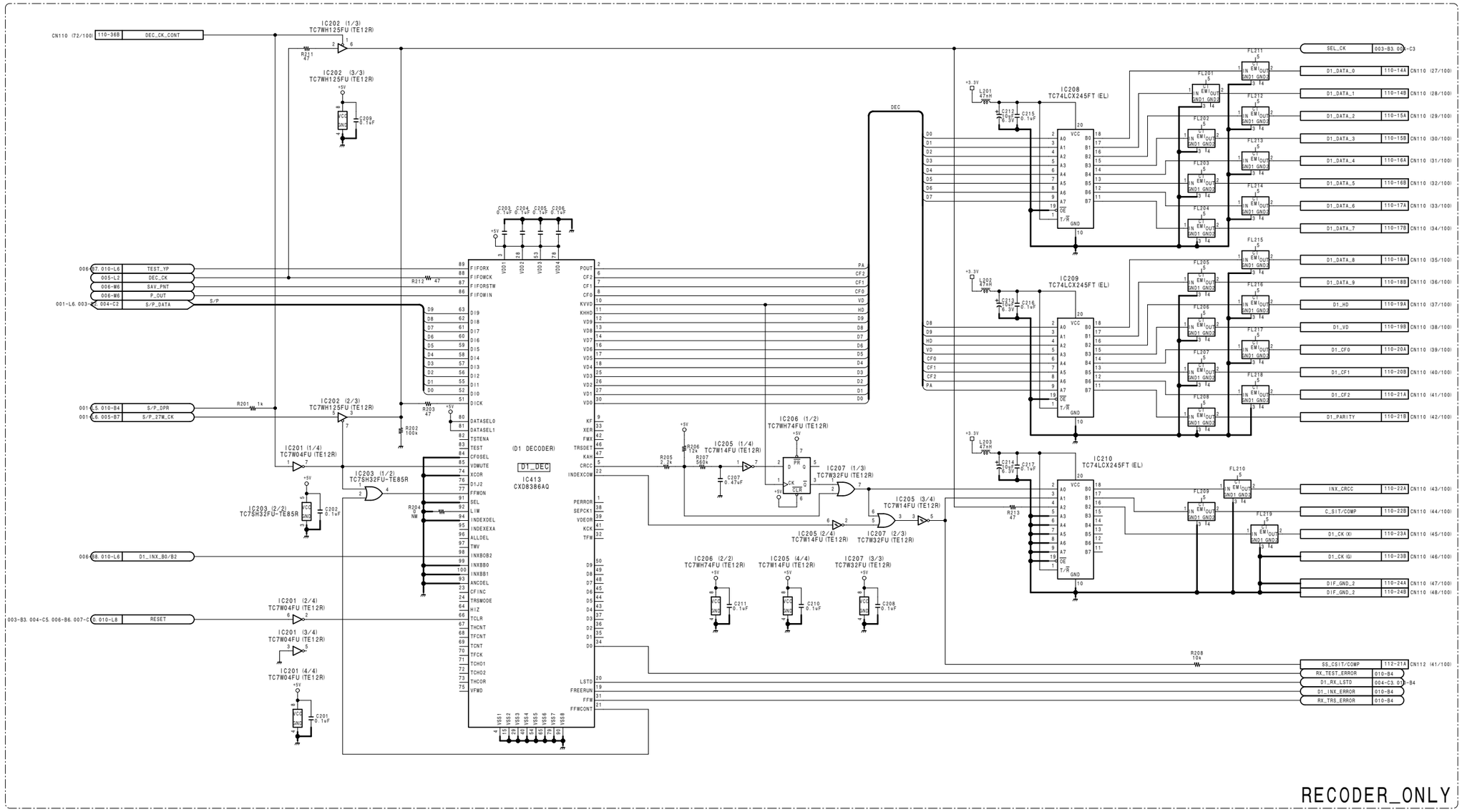
Serial to Parallel Converter of SDI Receiver

DIF-16 BOARD (1/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	: DIF-16 MCB	DVW-A510 (J, UC)	: DIF-16B MCB
DVW-A500P (EK)	: DIF-16 MCB	DVW-A510P (EK)	: DIF-16B MCB
DVW-A500P (UC)	: DIF-16 MCB	DVW-510 (J, UC)	: DIF-16B MCB
DVW-500 (J, UC)	: DIF-16 MCB	DVW-510P (EK)	: DIF-16B MCB
DVW-500P (EK)	: DIF-16 MCB	DVW-CA510 (J, UC)	: DIF-16B MCB
DVW-500P (UC)	: DIF-16 MCB	DVW-CA510P (EK)	: DIF-16B MCB

DVW-A500_DIF-16_006_1



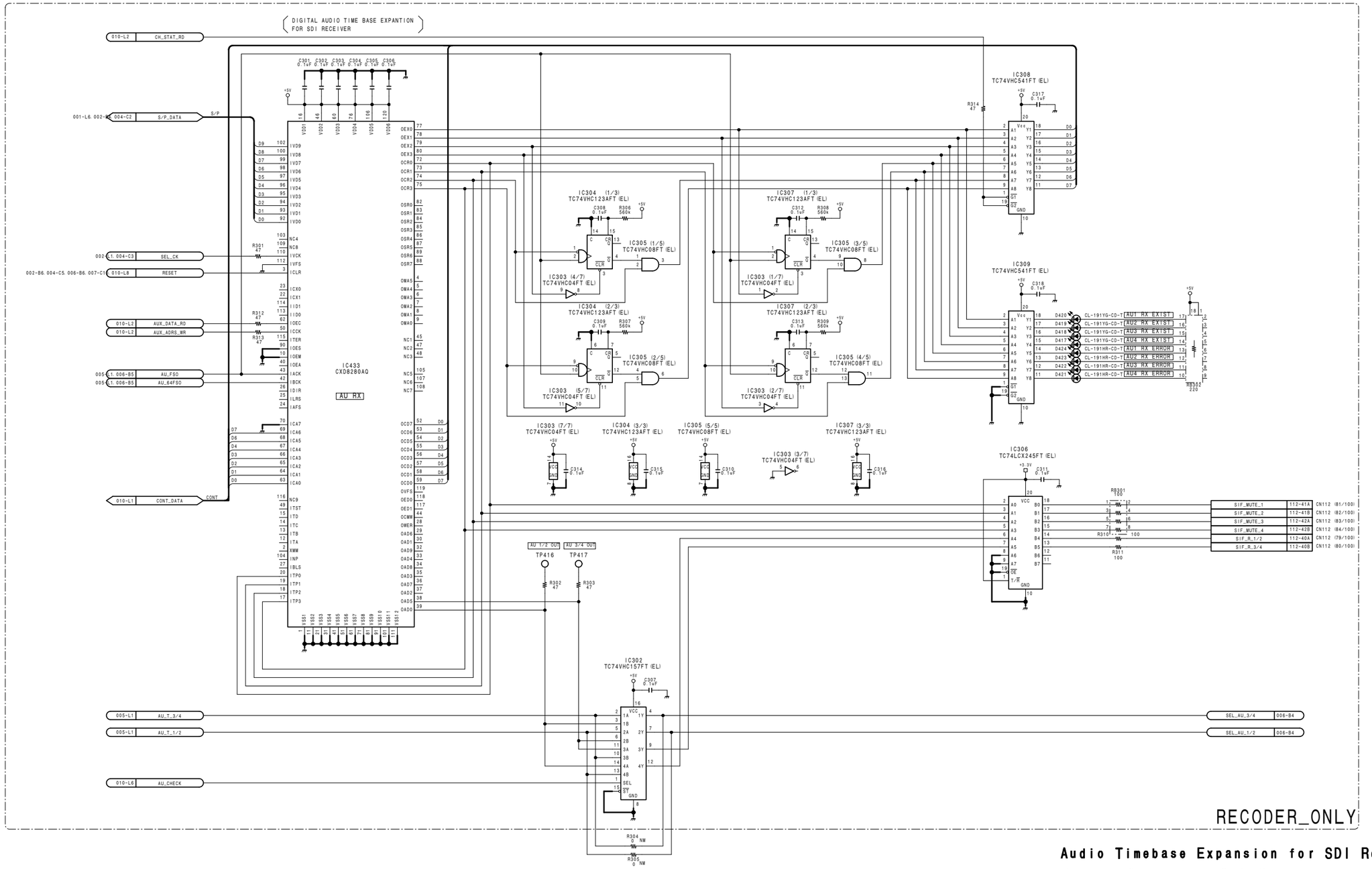
D1 Decoder of SDI Receiver

DIF-16 BOARD (2/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	: DIF-16 MCB	DVW-A510 (J, UC)	: DIF-16B MCB
DVW-A500P (EK)	: DIF-16 MCB	DVW-A510P (EK)	: DIF-16B MCB
DVW-A500P (UC)	: DIF-16 MCB	DVW-510 (J, UC)	: DIF-16B MCB
DVW-500 (J, UC)	: DIF-16 MCB	DVW-510P (EK)	: DIF-16B MCB
DVW-500P (EK)	: DIF-16 MCB	DVW-CA510 (J, UC)	: DIF-16B MCB
DVW-500P (UC)	: DIF-16 MCB	DVW-CA510P (EK)	: DIF-16B MCB

DVW-A500_DIF-16_006_2



Audio Timebase Expansion for SDI Receiver

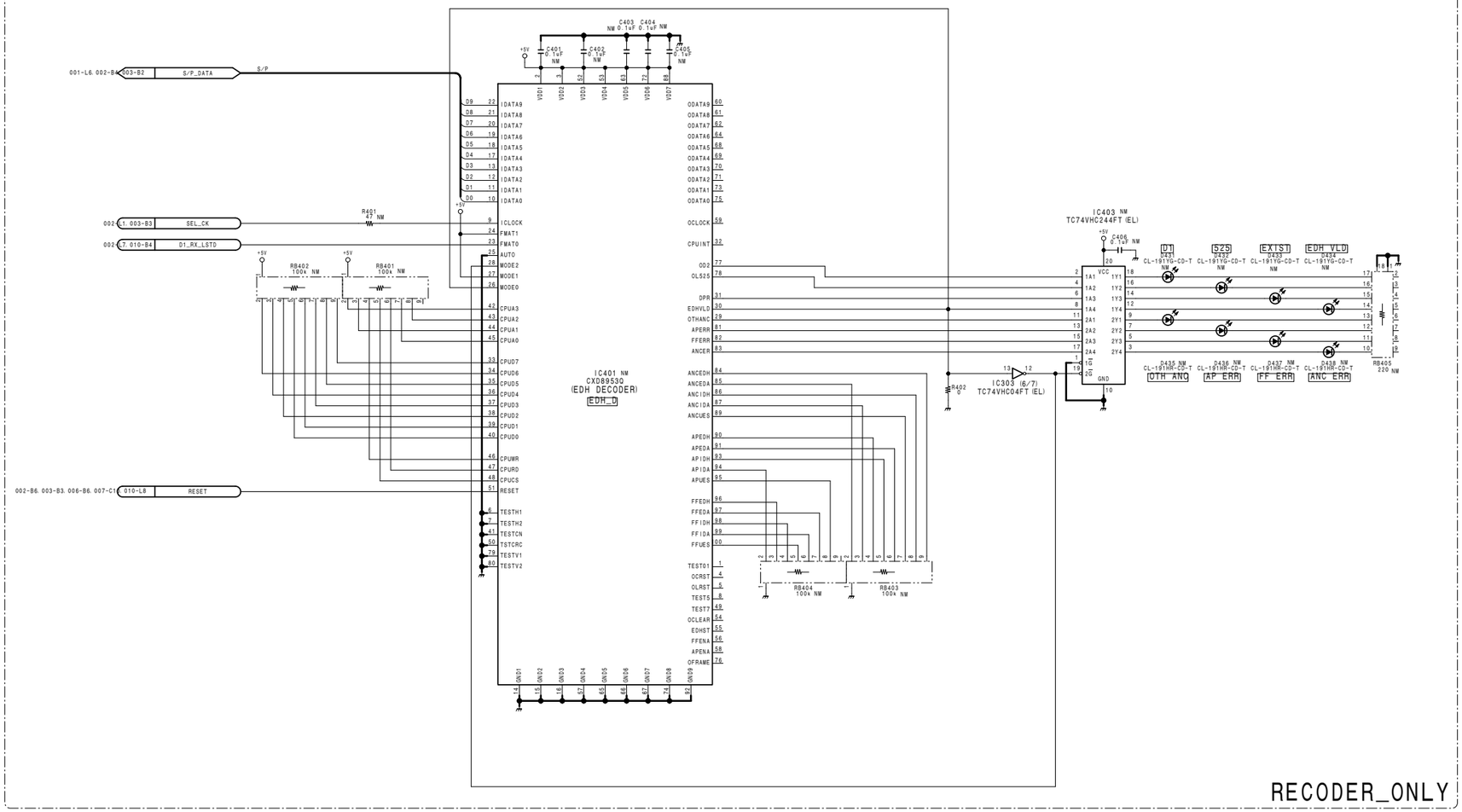
DIF-16 BOARD (3/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	:DIF-16 MCB	DVW-A510 (J, UC)	:DIF-16B MCB
DVW-A500P (EK)	:DIF-16 MCB	DVW-A510P (EK)	:DIF-16B MCB
DVW-A500P (UC)	:DIF-16 MCB	DVW-510 (J, UC)	:DIF-16B MCB
DVW-500 (J, UC)	:DIF-16 MCB	DVW-510P (EK)	:DIF-16B MCB
DVW-500P (EK)	:DIF-16 MCB	DVW-CA510 (J, UC)	:DIF-16B MCB
DVW-500P (UC)	:DIF-16 MCB	DVW-CA510P (EK)	:DIF-16B MCB

DVW-A500_DIF-16_006_3

DIF-16 (4/10)



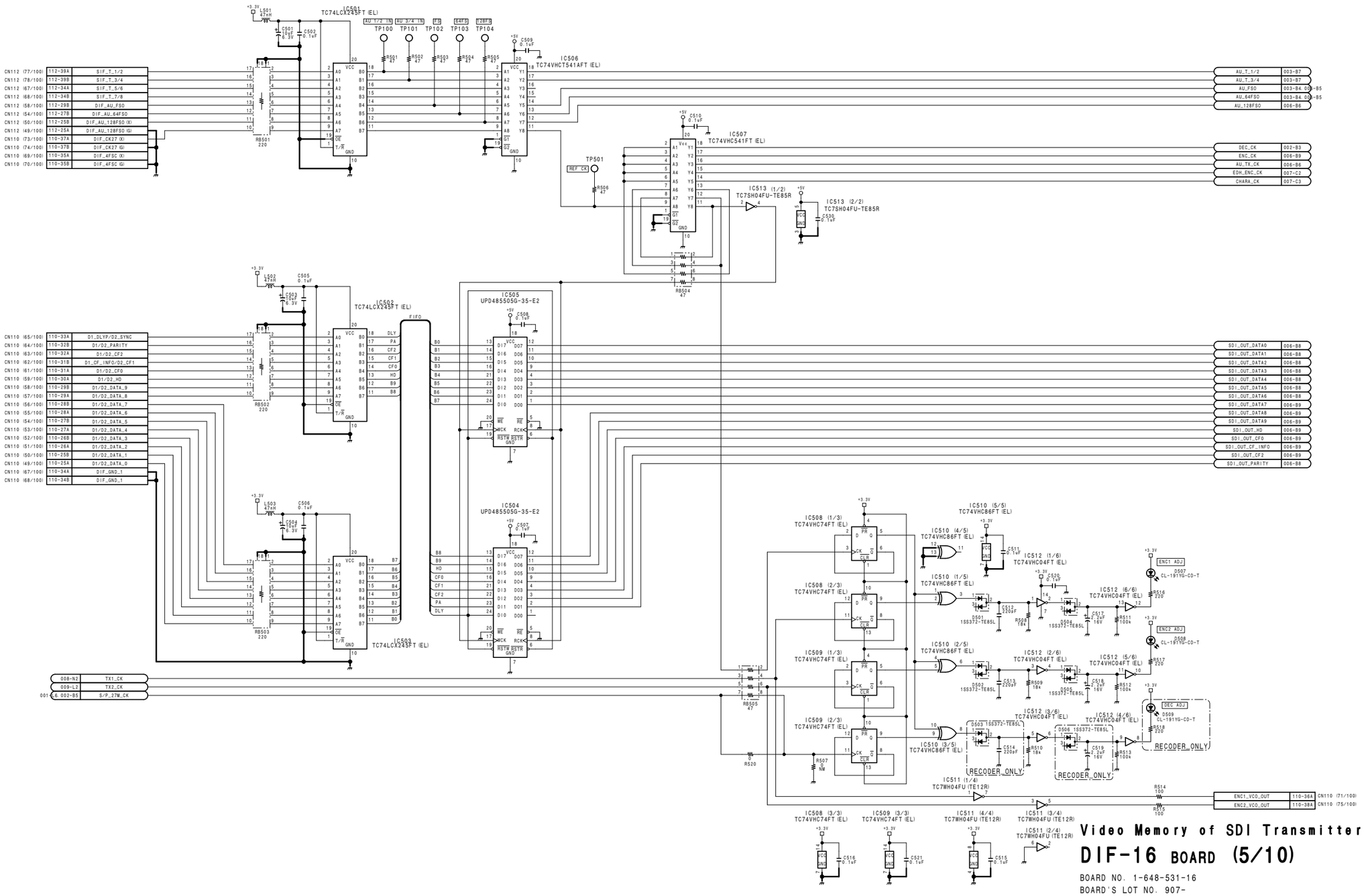
EDH Decoder of SDI Receiver

DIF-16 BOARD (4/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	: DIF-16 MCB	DVW-A510 (J, UC)	: DIF-16B MCB
DVW-A500P (EK)	: DIF-16 MCB	DVW-A510P (EK)	: DIF-16B MCB
DVW-A500P (UC)	: DIF-16 MCB	DVW-510 (J, UC)	: DIF-16B MCB
DVW-500 (J, UC)	: DIF-16 MCB	DVW-510P (EK)	: DIF-16B MCB
DVW-500P (EK)	: DIF-16 MCB	DVW-CA510 (J, UC)	: DIF-16B MCB
DVW-500P (UC)	: DIF-16 MCB	DVW-CA510P (EK)	: DIF-16B MCB

DVW-A500_DIF-16_006_4



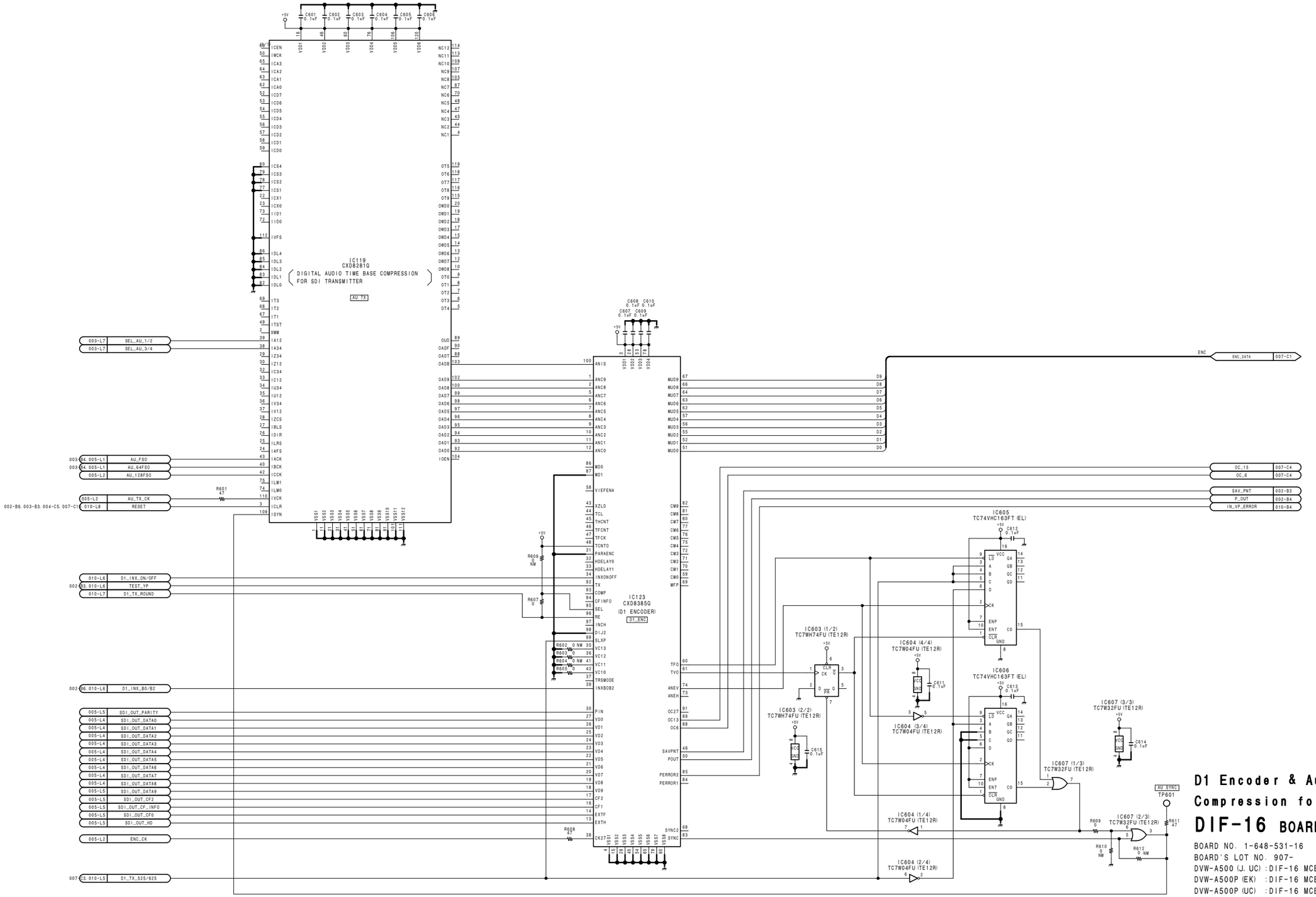
Video Memory of SDI Transmitter & Clock Driver

DIF-16 BOARD (5/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	:DIF-16 MCB	DVW-A510 (J, UC)	:DIF-16B MCB
DVW-A500P (EK)	:DIF-16 MCB	DVW-A510P (EK)	:DIF-16B MCB
DVW-A500P (UC)	:DIF-16 MCB	DVW-510 (J, UC)	:DIF-16B MCB
DVW-500 (J, UC)	:DIF-16 MCB	DVW-510P (EK)	:DIF-16B MCB
DVW-500P (EK)	:DIF-16 MCB	DVW-CA510 (J, UC)	:DIF-16B MCB
DVW-500P (UC)	:DIF-16 MCB	DVW-CA510P (EK)	:DIF-16B MCB

DVW-A500_DIF-16_006_5



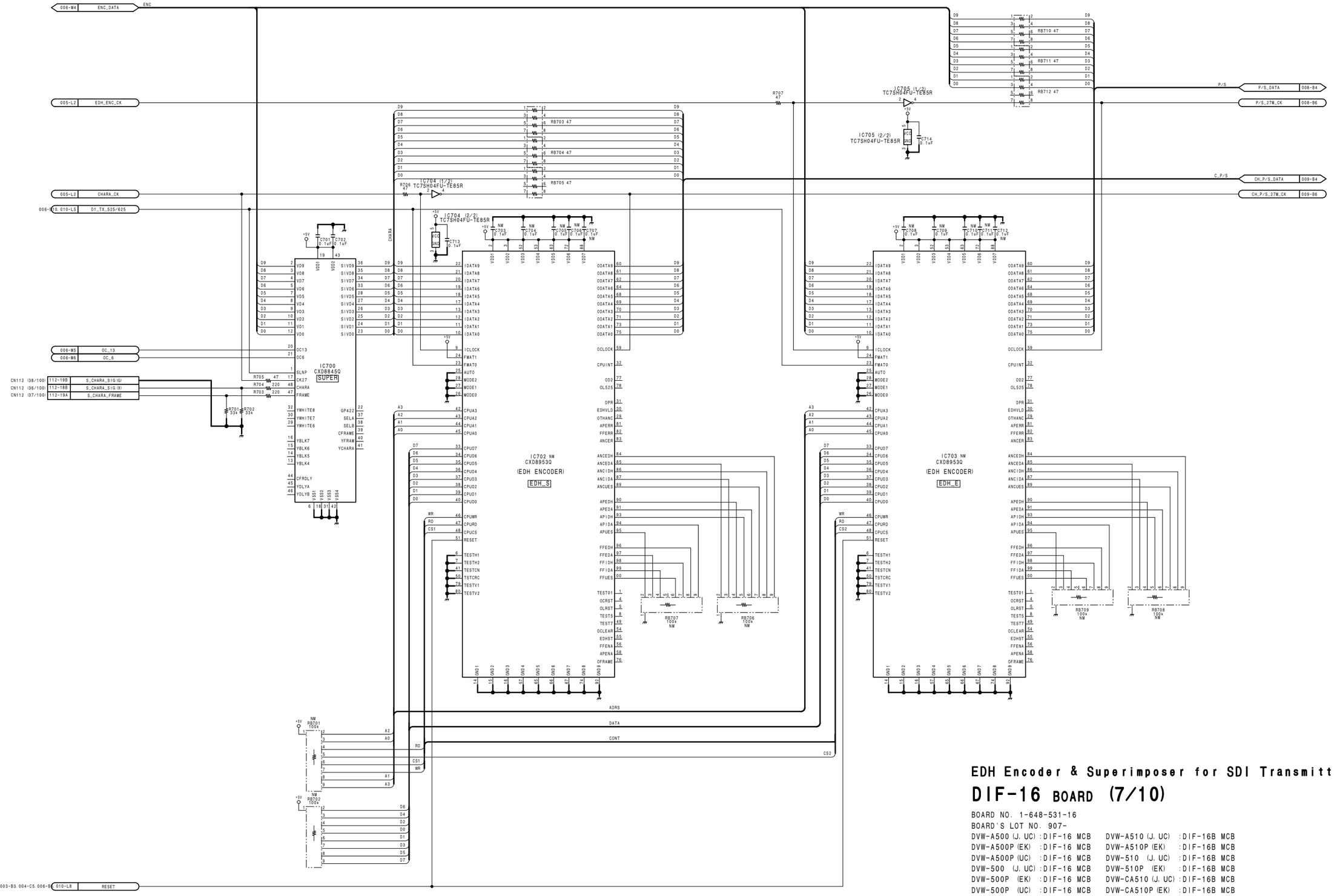
D1 Encoder & Audio Timebase Compression for SDI Transmitter

DIF-16 BOARD (6/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC) : DIF-16 MCB	DVW-A510 (J, UC) : DIF-16B MCB
DVW-A500P (EK) : DIF-16 MCB	DVW-A510P (EK) : DIF-16B MCB
DVW-A500P (UC) : DIF-16 MCB	DVW-510 (J, UC) : DIF-16B MCB
DVW-500 (J, UC) : DIF-16 MCB	DVW-510P (EK) : DIF-16B MCB
DVW-500P (EK) : DIF-16 MCB	DVW-CA510 (J, UC) : DIF-16B MCB
DVW-500P (UC) : DIF-16 MCB	DVW-CA510P (EK) : DIF-16B MCB

DVW-A500_DIF-16_006_6



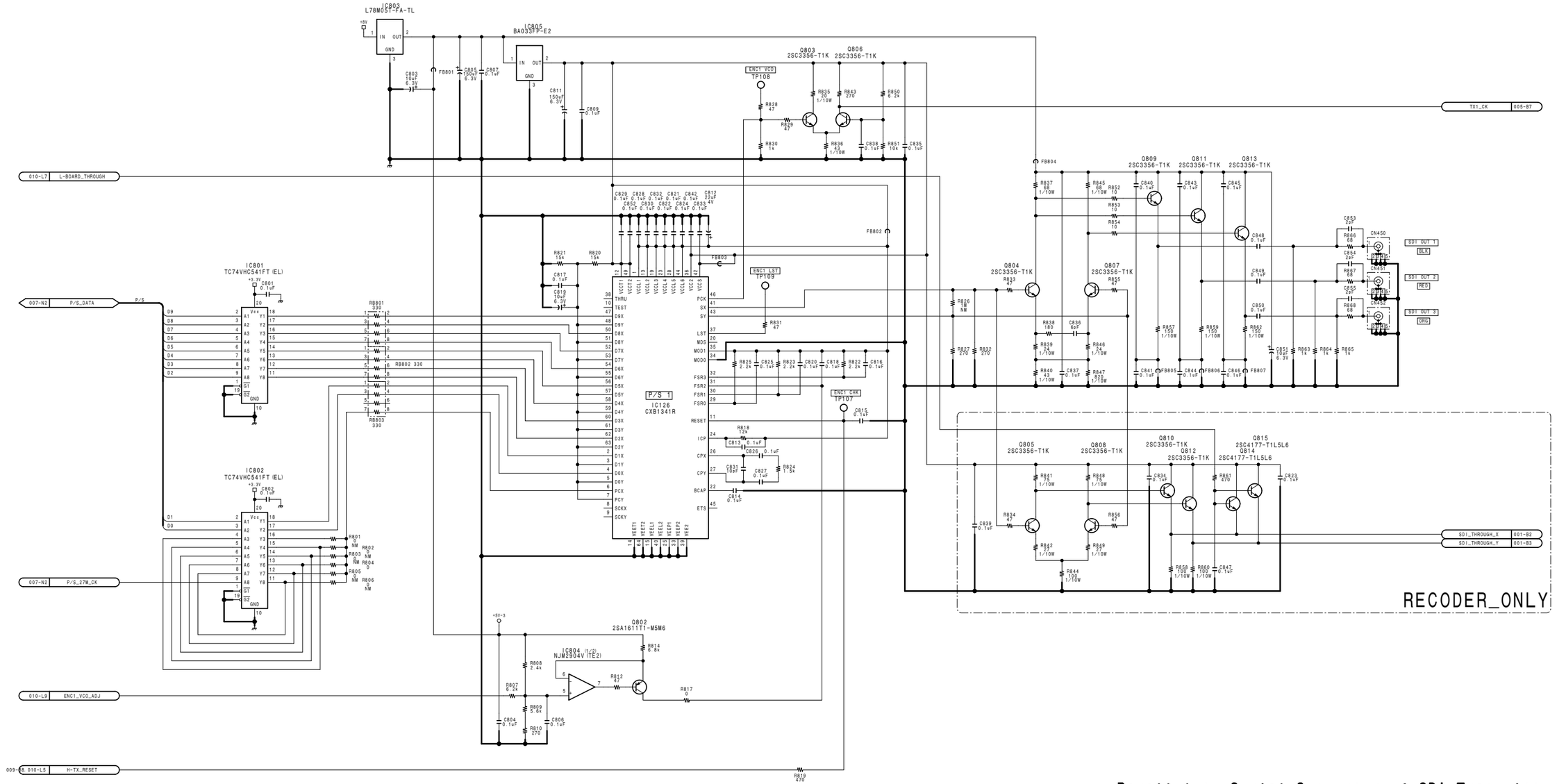
EDH Encoder & Superimposer for SDI Transmitter

DIF-16 BOARD (7/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	: DIF-16 MCB	DVW-A510 (J, UC)	: DIF-16B MCB
DVW-A500P (EK)	: DIF-16 MCB	DVW-A510P (EK)	: DIF-16B MCB
DVW-A500P (UC)	: DIF-16 MCB	DVW-510 (J, UC)	: DIF-16B MCB
DVW-500 (J, UC)	: DIF-16 MCB	DVW-510P (EK)	: DIF-16B MCB
DVW-500P (EK)	: DIF-16 MCB	DVW-CA510 (J, UC)	: DIF-16B MCB
DVW-500P (UC)	: DIF-16 MCB	DVW-CA510P (EK)	: DIF-16B MCB

DVW-A500_DIF-16_006_7



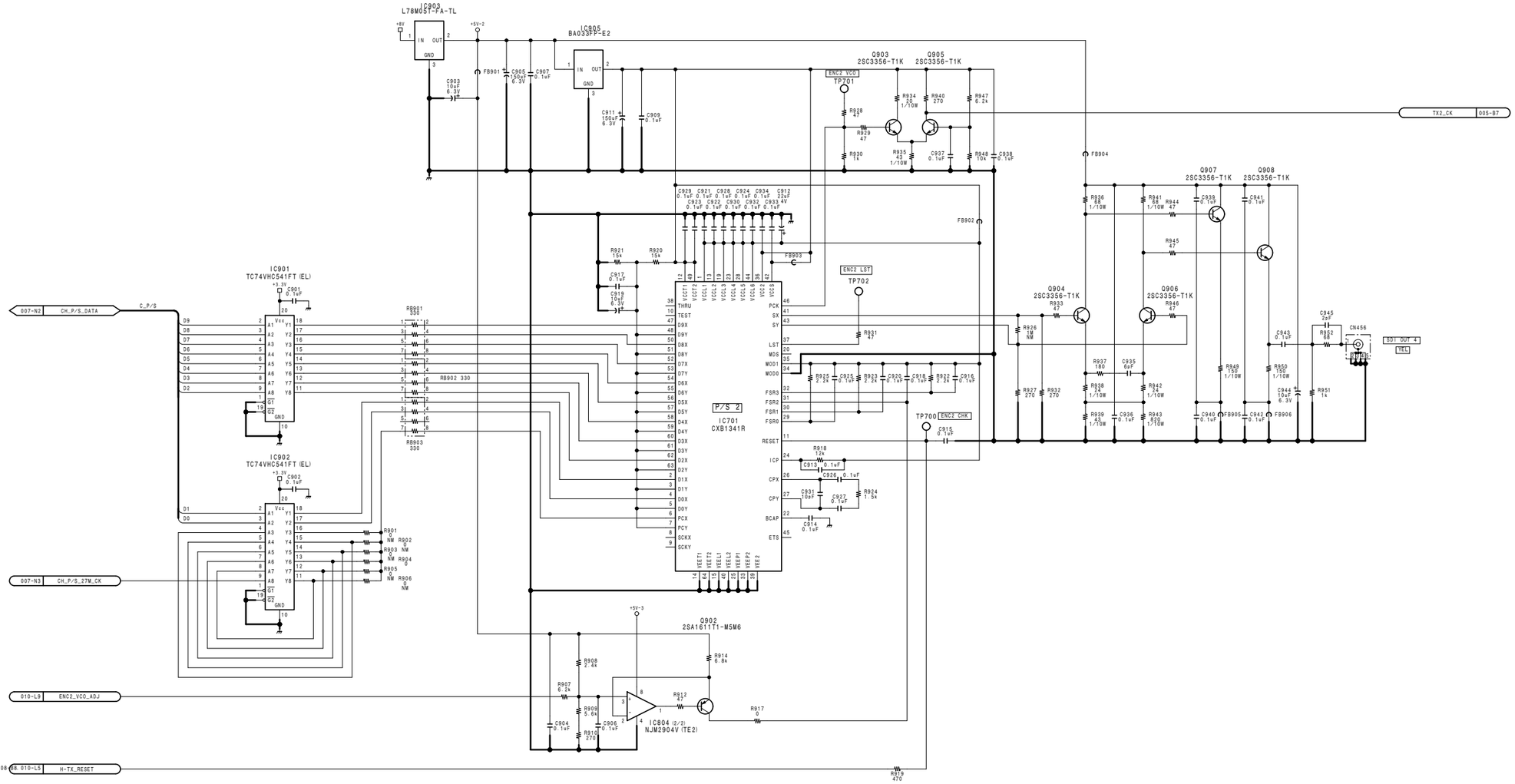
Parallel to Serial Converter of SDI Transmitter

DIF-16 BOARD (8/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	:DIF-16 MCB	DVW-A510 (J, UC)	:DIF-16B MCB
DVW-A500P (EK)	:DIF-16 MCB	DVW-A510P (EK)	:DIF-16B MCB
DVW-A500P (UC)	:DIF-16 MCB	DVW-510 (J, UC)	:DIF-16B MCB
DVW-500 (J, UC)	:DIF-16 MCB	DVW-510P (EK)	:DIF-16B MCB
DVW-500P (EK)	:DIF-16 MCB	DVW-CA510 (J, UC)	:DIF-16B MCB
DVW-500P (UC)	:DIF-16 MCB	DVW-CA510P (EK)	:DIF-16B MCB

DVW-A500_DIF-16_006_8



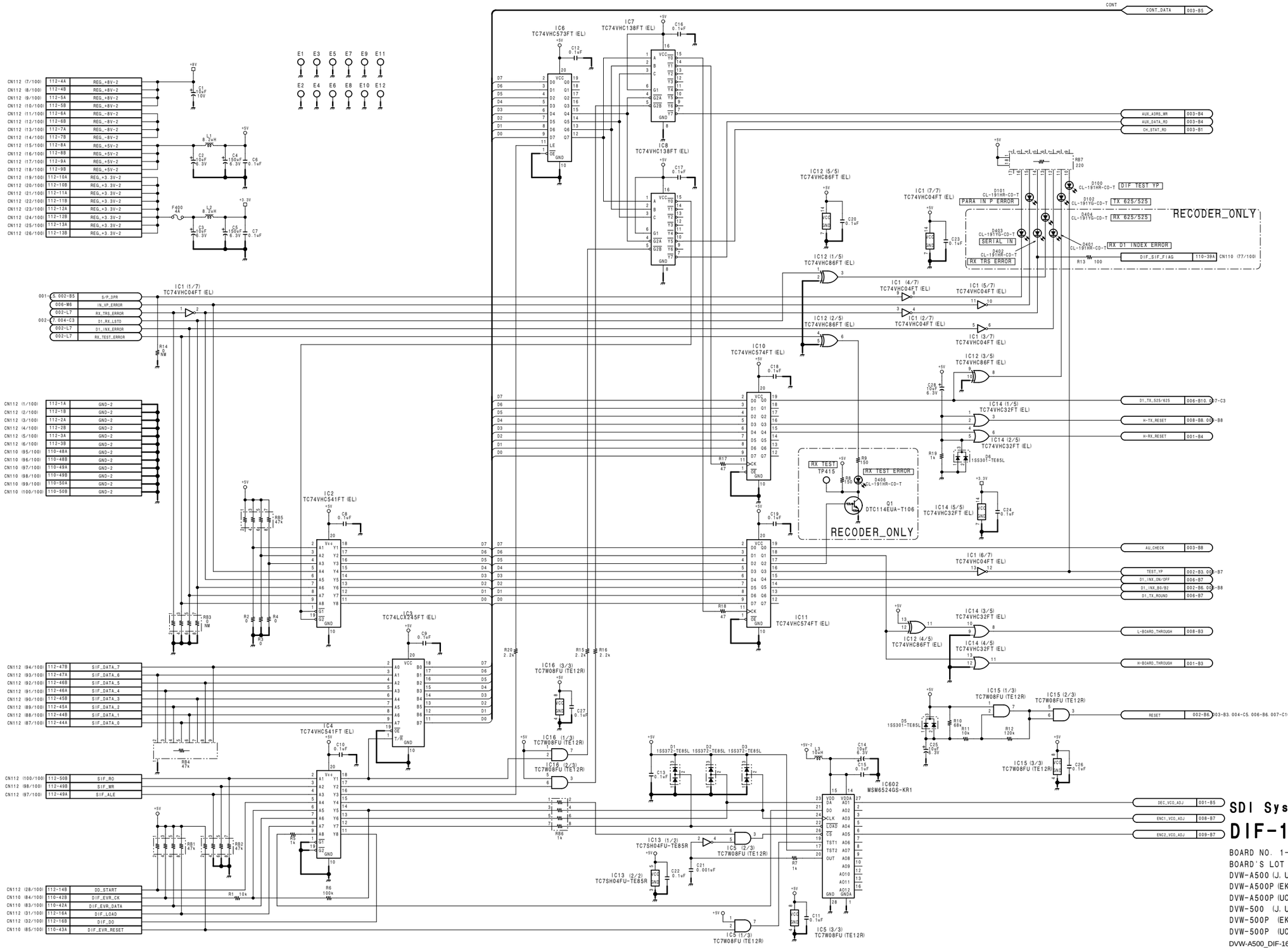
Parallel to Serial Converter with Superimpose of SDI Transmitter

DIF-16 BOARD (9/10)

BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J, UC)	:DIF-16 MCB	DVW-A510 (J, UC)	:DIF-16B MCB
DVW-A500P (EK)	:DIF-16 MCB	DVW-A510P (EK)	:DIF-16B MCB
DVW-A500P (UC)	:DIF-16 MCB	DVW-510 (J, UC)	:DIF-16B MCB
DVW-500 (J, UC)	:DIF-16 MCB	DVW-510P (EK)	:DIF-16B MCB
DVW-500P (EK)	:DIF-16 MCB	DVW-CA510 (J, UC)	:DIF-16B MCB
DVW-500P (UC)	:DIF-16 MCB	DVW-CA510P (EK)	:DIF-16B MCB

DVW-A500_DIF-16_006_9



SDI System Control

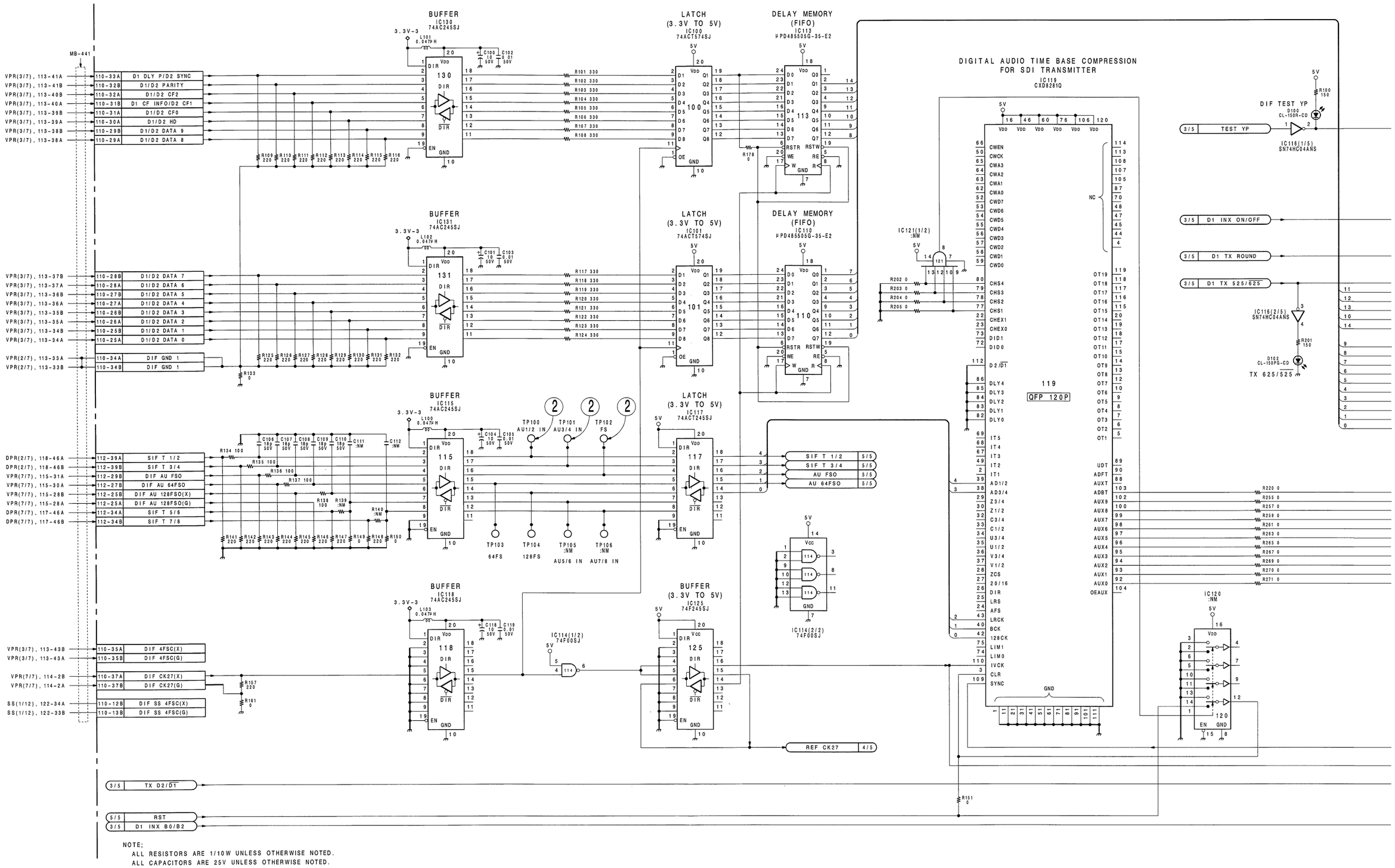
DIF-16 BOARD (10/10)

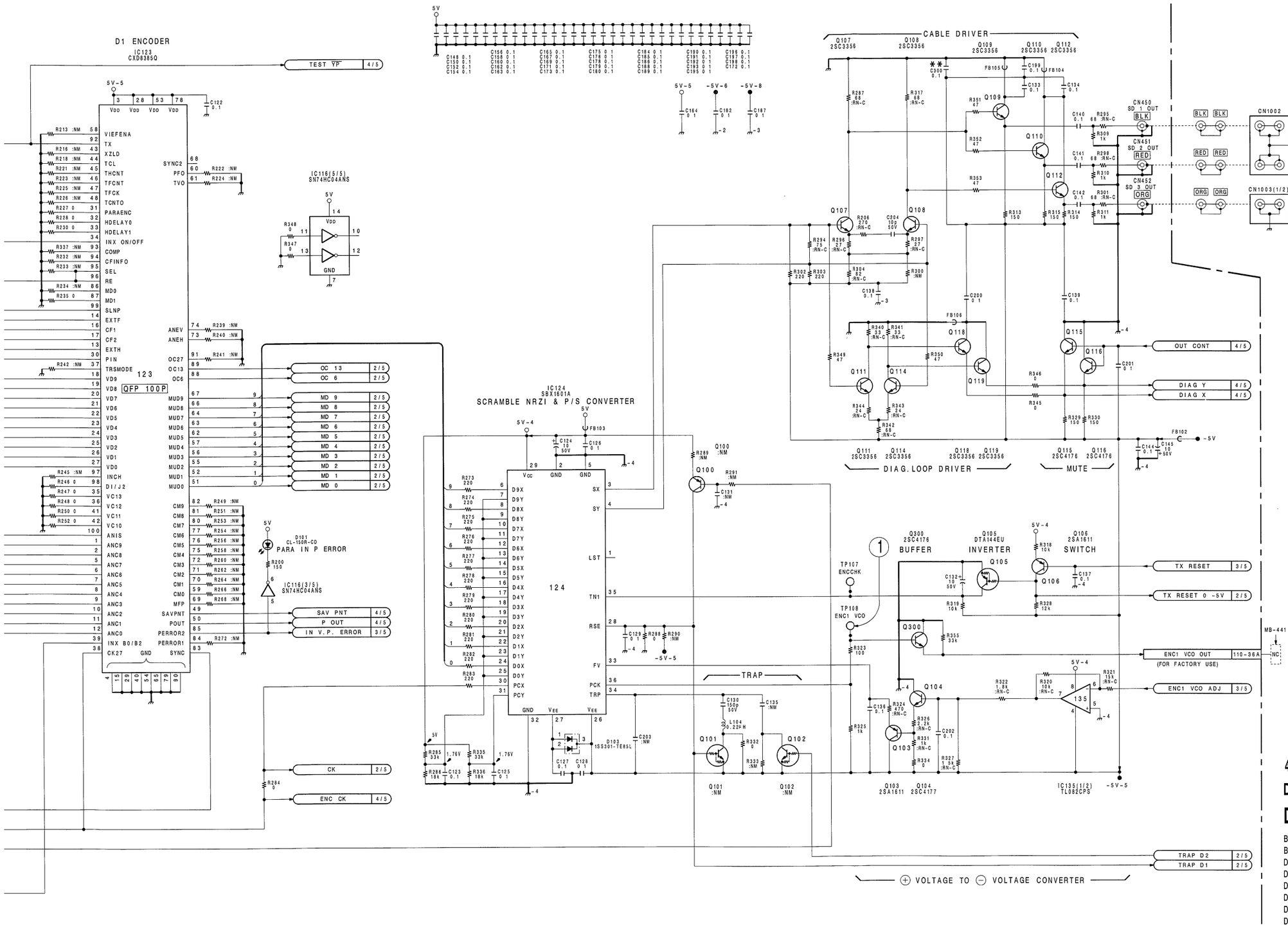
BOARD NO. 1-648-531-16
BOARD'S LOT NO. 907-

DVW-A500 (J. UC)	: DIF-16 MCB	DVW-A510 (J. UC)	: DIF-16B MCB
DVW-A500P (EK)	: DIF-16 MCB	DVW-A510P (EK)	: DIF-16B MCB
DVW-A500P (UC)	: DIF-16 MCB	DVW-510 (J. UC)	: DIF-16B MCB
DVW-500 (J. UC)	: DIF-16 MCB	DVW-510P (EK)	: DIF-16B MCB
DVW-500P (EK)	: DIF-16 MCB	DVW-CA510 (J. UC)	: DIF-16B MCB
DVW-500P (UC)	: DIF-16 MCB	DVW-CA510P (EK)	: DIF-16B MCB

DVW-A500_DIF-16_006_10

DIF-16 (1/5)


DIGITAL AUDIO TIME BASE COMPRESSION FOR SDI TRANSMITTER
IC119 CXD8281Q
BUFFER IC130 74AC245SJ
BUFFER IC131 74AC245SJ
BUFFER IC115 74AC245SJ
BUFFER IC118 74AC245SJ
LATCH (3.3V TO 5V) IC100 74ACT574SJ
LATCH (3.3V TO 5V) IC101 74ACT574SJ
LATCH (3.3V TO 5V) IC117 74ACT245SJ
BUFFER (3.3V TO 5V) IC125 74F245SJ
DELAY MEMORY (FIFO) IC113 μPD485505G-35-E2
DELAY MEMORY (FIFO) IC110 μPD485505G-35-E2
MB-441
VPR(3/7), 113-41A
VPR(3/7), 113-41B
VPR(3/7), 113-40B
VPR(3/7), 113-40A
VPR(3/7), 113-39B
VPR(3/7), 113-39A
VPR(3/7), 113-38B
VPR(3/7), 113-38A
110-33A D1 DLY P/D2 SYNC
110-32B D1/D2 PARITY
110-32A D1/D2 CF2
110-31B D1 CF INFO/D2 CF1
110-31A D1/D2 CF0
110-30A D1/D2 HD
110-29B D1/D2 DATA 9
110-29A D1/D2 DATA 8
VPR(3/7), 113-37B
VPR(3/7), 113-37A
VPR(3/7), 113-36B
VPR(3/7), 113-36A
VPR(3/7), 113-35B
VPR(3/7), 113-35A
VPR(3/7), 113-34B
VPR(3/7), 113-34A
110-28B D1/D2 DATA 7
110-28A D1/D2 DATA 6
110-27B D1/D2 DATA 5
110-27A D1/D2 DATA 4
110-26B D1/D2 DATA 3
110-26A D1/D2 DATA 2
110-25B D1/D2 DATA 1
110-25A D1/D2 DATA 0
VPR(2/7), 113-33A
VPR(2/7), 113-33B
110-34A DIF GND 1
110-34B DIF GND 1
DPR(2/7), 118-46A
DPR(2/7), 118-46B
VPR(7/7), 115-31A
VPR(7/7), 115-30A
VPR(7/7), 115-28B
VPR(7/7), 115-28A
DPR(7/7), 117-46A
DPR(7/7), 117-46B
112-39A SIF T 1/2
112-39B SIF T 3/4
112-29B DIF AU FSO
112-27B DIF AU 64FSO
112-25B DIF AU 128FSO(X)
112-25A DIF AU 128FSO(G)
112-34A SIF T 5/6
112-34B SIF T 7/8
VPR(3/7), 113-43B
VPR(3/7), 113-43A
VPR(7/7), 114-2B
VPR(7/7), 114-2A
SS(1/12), 122-34A
SS(1/12), 122-33B
110-35A DIF 4FSC(X)
110-35B DIF 4FSC(G)
110-37A DIF CK27(X)
110-37B DIF CK27(G)
110-12B DIF SS 4FSC(X)
110-13B DIF SS 4FSC(G)
TP100 AU1/2 IN
TP101 AU3/4 IN
TP102 FS
TP103 64FS
TP104 128FS
TP105 :NM AU5/6 IN
TP106 :NM AU7/8 IN
SIF T 1/2 5/5
SIF T 3/4 5/5
AU FSO 5/5
AU 64FSO 5/5
REF CK27 4/5
IC121(1/2) :NM
IC114(1/2) 74F00SJ
IC114(2/2) 74F00SJ
IC116(1/5) SN74HC04ANS
IC116(2/5) SN74HC04ANS
IC120 :NM
DIF TEST YP
D100 CL-150R-CD
D102 CL-150PS-CD
TX 625/525
3/5 TEST YP
3/5 D1 INX ON/OFF
3/5 D1 TX ROUND
3/5 D1 TX 525/625
3/5 TX D2/D1
5/5 RST
3/5 D1 INX B0/B2
QFP 120P
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

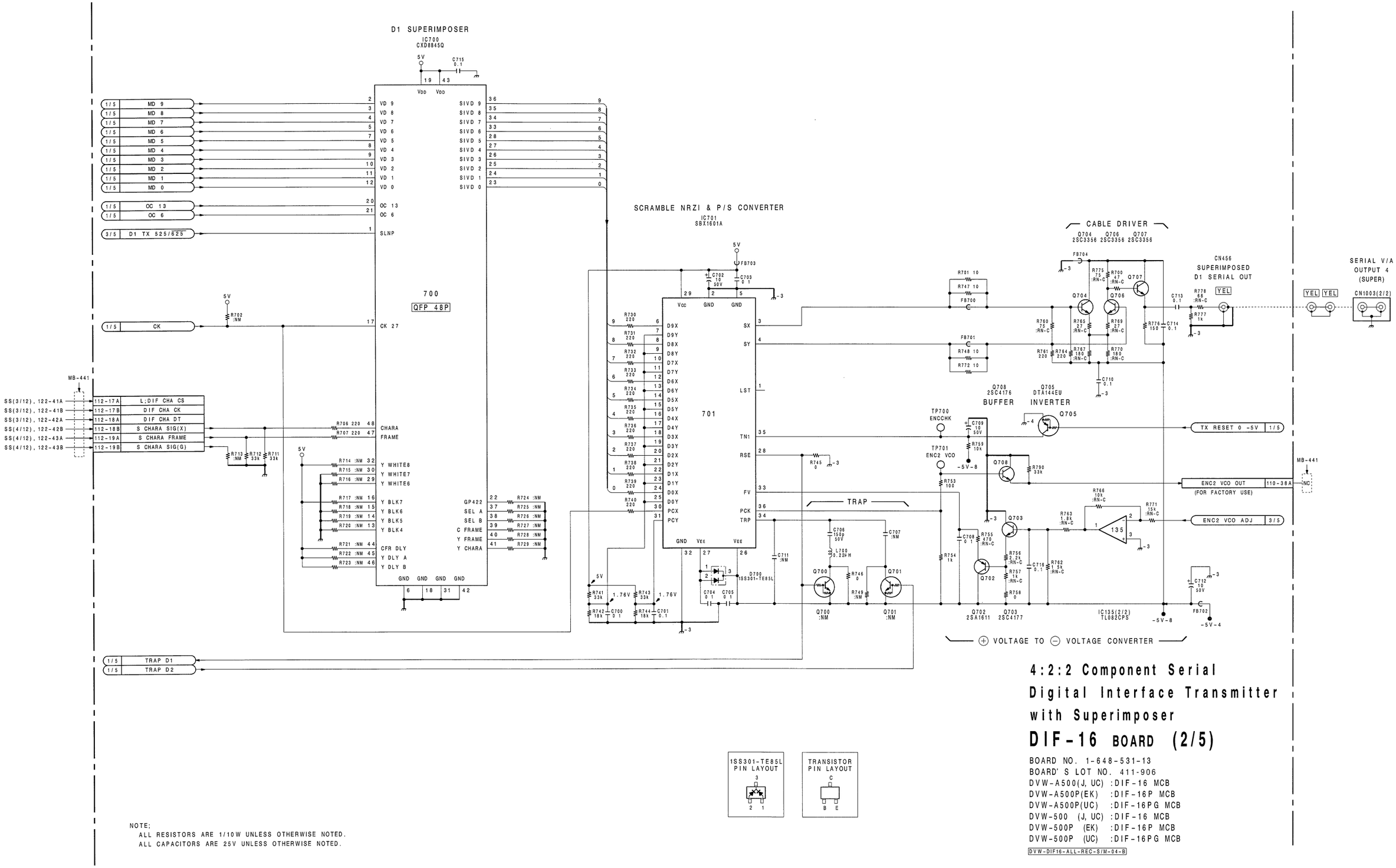


4:2:2 Component Serial
Digital Interface Transmitter

DIF-16 BOARD (1/5)

BOARD NO. 1-648-531-13
BOARD' S LOT NO. 411-906
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-B



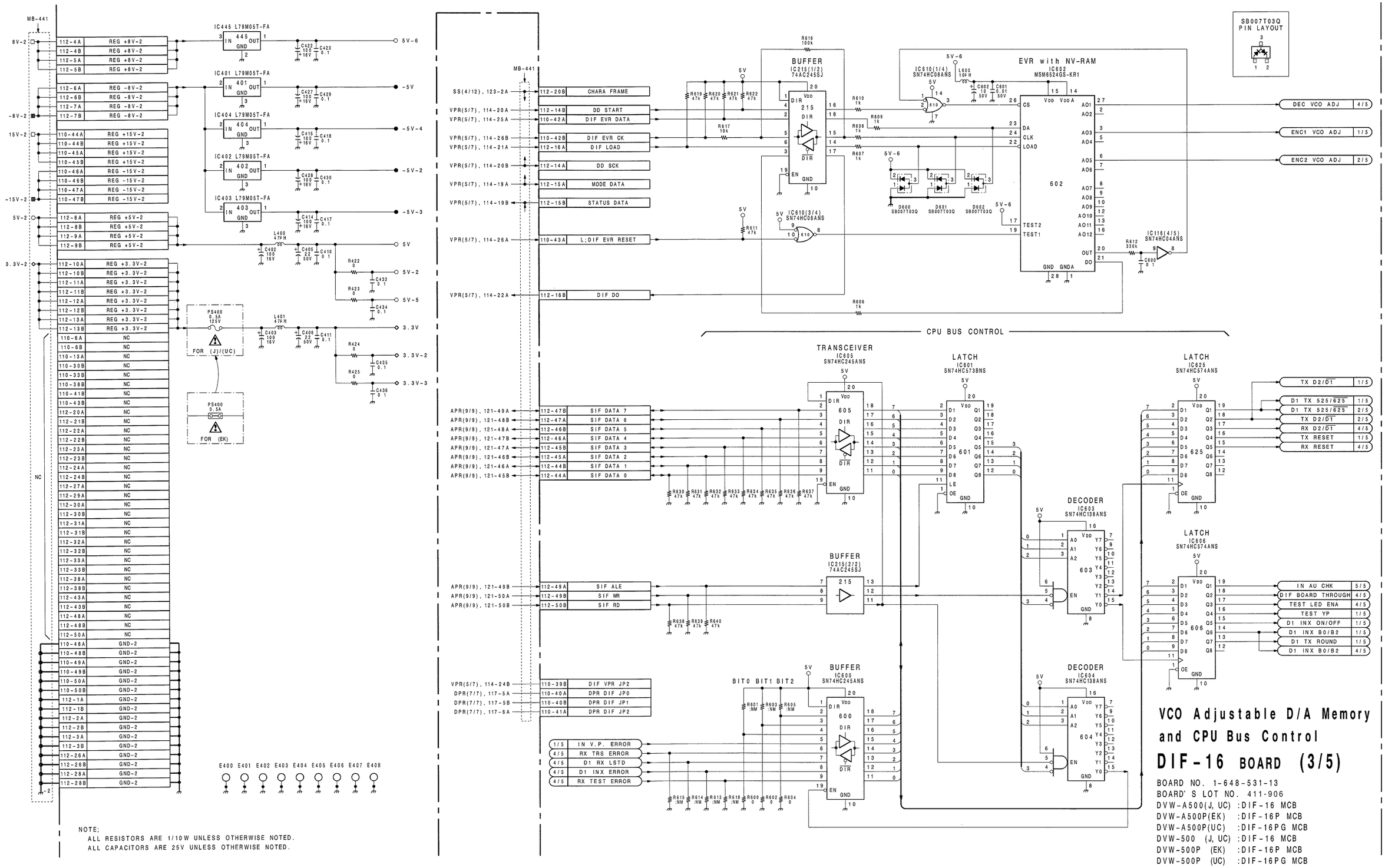
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

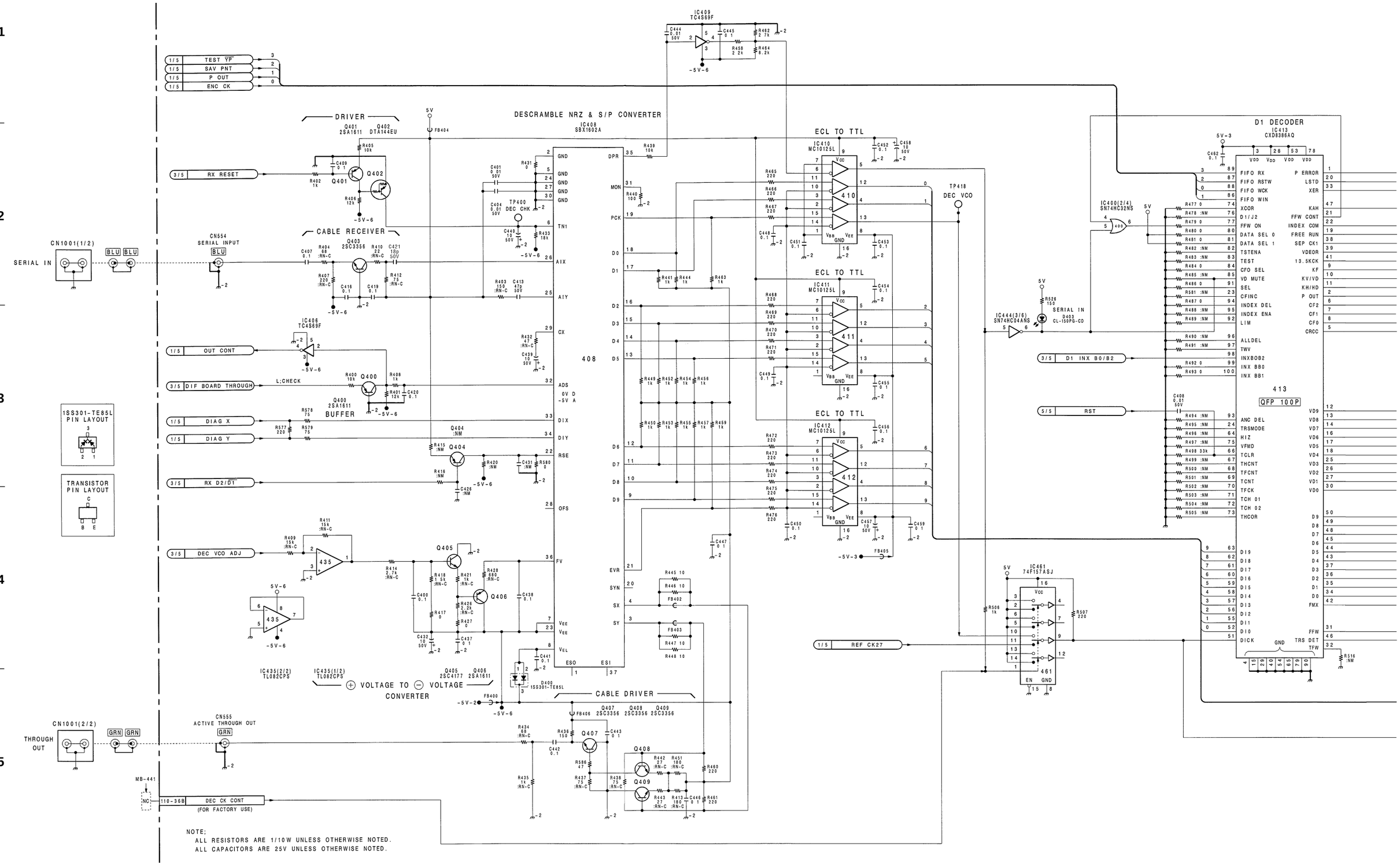
4:2:2 Component Serial Digital Interface Transmitter with Superimposer

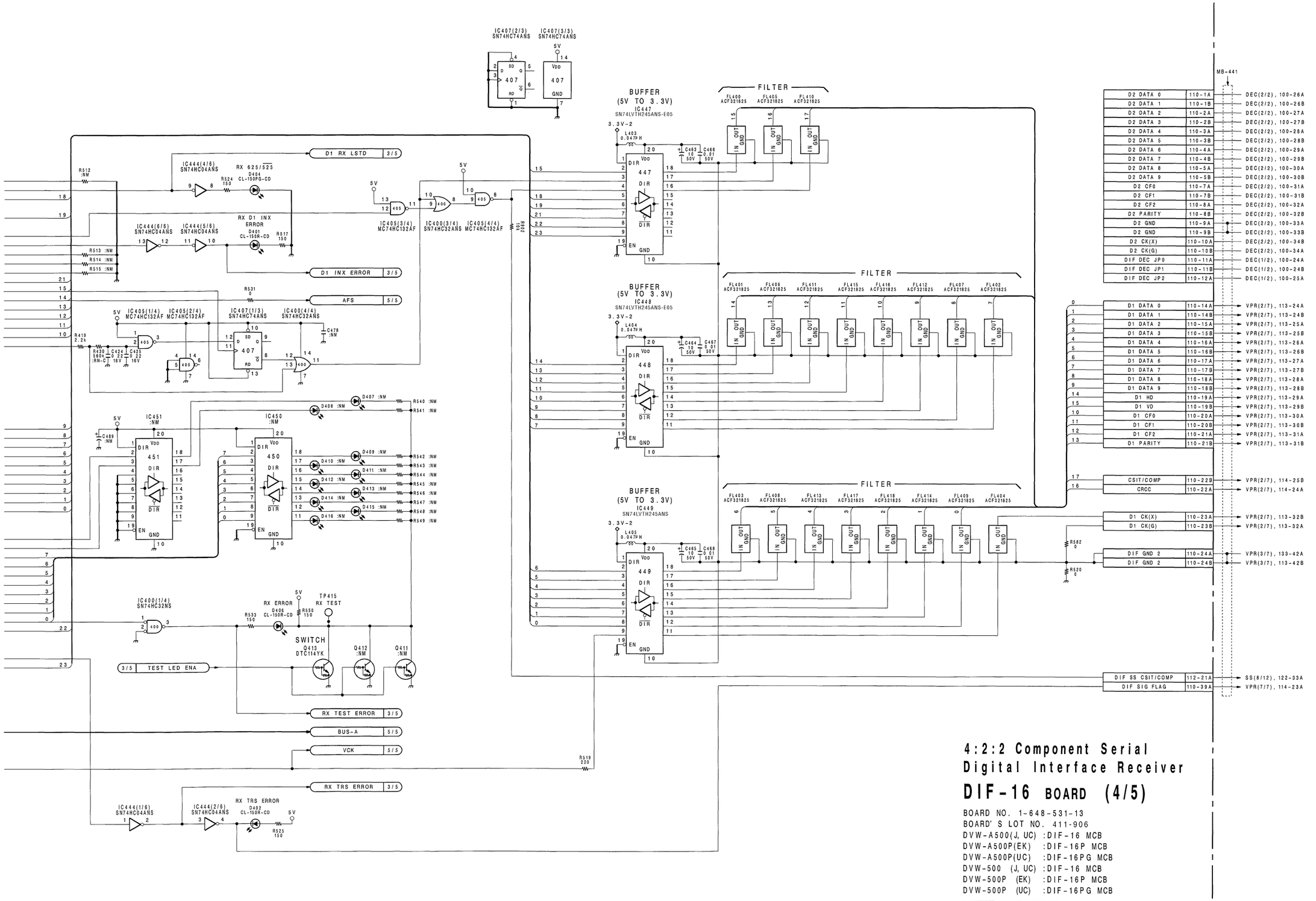
DIF-16 BOARD (2/5)

BOARD NO. 1-648-531-13
BOARD' S LOT NO. 411-906
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-B


MB-441
8V-2
112-4A REG +8V-2
112-4B REG +8V-2
112-5A REG +8V-2
112-5B REG +8V-2
-8V-2
112-6A REG -8V-2
112-6B REG -8V-2
112-7A REG -8V-2
112-7B REG -8V-2
15V-2
110-44A REG +15V-2
110-44B REG +15V-2
110-45A REG +15V-2
110-45B REG +15V-2
-15V-2
110-46A REG -15V-2
110-46B REG -15V-2
110-47A REG -15V-2
110-47B REG -15V-2
5V-2
112-8A REG +5V-2
112-8B REG +5V-2
112-9A REG +5V-2
112-9B REG +5V-2
3.3V-2
112-10A REG +3.3V-2
112-10B REG +3.3V-2
112-11A REG +3.3V-2
112-11B REG +3.3V-2
112-12A REG +3.3V-2
112-12B REG +3.3V-2
112-13A REG +3.3V-2
112-13B REG +3.3V-2
110-6A NC
110-6B NC
110-13A NC
110-30B NC
110-33B NC
110-38B NC
110-41B NC
110-43B NC
112-20A NC
112-21B NC
112-22A NC
112-22B NC
112-23A NC
112-23B NC
112-24A NC
112-24B NC
112-27A NC
112-29A NC
112-30A NC
112-30B NC
112-31A NC
112-31B NC
112-32A NC
112-32B NC
112-33A NC
112-33B NC
112-38A NC
112-38B NC
112-43A NC
112-43B NC
112-48A NC
112-48B NC
112-50A NC
NC
110-48A GND-2
110-48B GND-2
110-49A GND-2
110-49B GND-2
110-50A GND-2
110-50B GND-2
112-1A GND-2
112-1B GND-2
112-2A GND-2
112-2B GND-2
112-3A GND-2
112-3B GND-2
112-26A GND-2
112-26B GND-2
112-28A GND-2
112-28B GND-2
IC445 L78M05T-FA
445
IC401 L79M05T-FA
401
IC404 L79M05T-FA
404
IC402 L79M05T-FA
402
IC403 L79M05T-FA
403
IN
OUT
GND
C422 100 16V
C423 0.1
C427 100 16V
C429 0.1
C428 100 16V
C430 0.1
C415 100 16V
C418 0.1
C414 100 16V
C417 0.1
5V-6
-5V
-5V-4
-5V-2
-5V-3
L400 47μH
C402 100 16V
C405 22 50V
C410 0.1
5V
R422 0
C433 0.1
5V-2
R423 0
C434 0.1
5V-5
L401 47μH
C403 100 16V
C406 22 50V
C411 0.1
3.3V
R424 0
C435 0.1
3.3V-2
R425 0
C436 0.1
3.3V-3
PS400 0.5A 125V
FOR (J)/(UC)
PS400 0.5A
FOR (EK)
E400 E401 E402 E403 E404 E405 E406 E407 E408
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
MB-441
SS(4/12), 123-2A 112-20B CHARA FRAME
VPR(5/7), 114-20A 112-14B DD START
VPR(5/7), 114-25A 110-42A DIF EVR DATA
VPR(5/7), 114-26B 110-42B DIF EVR CK
VPR(5/7), 114-21A 112-16A DIF LOAD
VPR(5/7), 114-20B 112-14A DD SCK
VPR(5/7), 114-19A 112-15A MODE DATA
VPR(5/7), 114-19B 112-15B STATUS DATA
VPR(5/7), 114-26A 110-43A L;DIF EVR RESET
VPR(5/7), 114-22A 112-16B DIF DO
APR(9/9), 121-49A 112-47B SIF DATA 7
APR(9/9), 121-48B 112-47A SIF DATA 6
APR(9/9), 121-48A 112-46B SIF DATA 5
APR(9/9), 121-47B 112-46A SIF DATA 4
APR(9/9), 121-47A 112-45B SIF DATA 3
APR(9/9), 121-46B 112-45A SIF DATA 2
APR(9/9), 121-46A 112-44B SIF DATA 1
APR(9/9), 121-45B 112-44A SIF DATA 0
APR(9/9), 121-49B 112-49A SIF ALE
APR(9/9), 121-50A 112-49B SIF WR
APR(9/9), 121-50B 112-50B SIF RD
VPR(5/7), 114-24B 110-39B DIF VPR JP2
DPR(7/7), 117-5A 110-40A DPR DIF JP0
DPR(7/7), 117-5B 110-40B DPR DIF JP1
DPR(7/7), 117-6A 110-41A DPR DIF JP2
1/5 IN V.P. ERROR
4/5 RX TRS ERROR
4/5 D1 RX LSTD
4/5 D1 INX ERROR
4/5 RX TEST ERROR
BUFFER
IC215(1/2)
74AC245SJ
215
DIR
EN
GND
VDD
R616 100k
R610 1k
R609 1k
R608 1k
R607 1k
R606 1k
R617 10k
R611 47k
R618 47k
R619 47k
R620 47k
R621 47k
R622 47k
IC610(3/4)
SN74HC08ANS
IC610(1/4)
SN74HC08ANS
L605 10μH
C602 10 50V
C601 0.01 50V
EVR with NV-RAM
IC602
MSM6524GS-KR1
602
CS
DA
CLK
LOAD
TEST2
TEST1
OUT
DO
VDD VDDA
GND GNDA
AO1
AO2
AO3
AO4
AO5
AO6
AO7
AO8
AO9
AO10
AO11
AO12
D600 SB007T03Q
D601 SB007T03Q
D602 SB007T03Q
IC118(4/5)
SN74HC04ANS
R612 330k
C600 0.1
SB007T03Q
PIN LAYOUT
DEC VCO ADJ 4/5
ENC1 VCO ADJ 1/5
ENC2 VCO ADJ 2/5
CPU BUS CONTROL
TRANSCEIVER
IC605
SN74HC245ANS
605
LATCH
IC601
SN74HC573BNS
601
LATCH
IC625
SN74HC574ANS
625
TX D2/D1 1/5
D1 TX 525/625 1/5
D1 TX 525/625 2/5
TX D2/D1 2/5
RX D2/D1 4/5
TX RESET 1/5
RX RESET 4/5
DECODER
IC603
SN74HC138ANS
603
LATCH
IC606
SN74HC574ANS
606
IN AU CHK 5/5
DIF BOARD THROUGH 4/5
TEST LED ENA 4/5
TEST YP 1/5
D1 INX ON/OFF 1/5
D1 INX B0/B2 1/5
D1 TX ROUND 1/5
D1 INX B0/B2 4/5
BUFFER
IC600
SN74HC245ANS
600
BIT0 BIT1 BIT2
R601 :NM
R603 :NM
R605 :NM
R615 :NM
R614 :NM
R613 :NM
R600 0
R602 0
R604 0
DECODER
IC604
SN74HC138ANS
604
R630 47k
R631 47k
R632 47k
R633 47k
R634 47k
R635 47k
R636 47k
R637 47k
R638 47k
R639 47k
R640 47k
VCO Adjustable D/A Memory and CPU Bus Control
DIF-16 BOARD (3/5)
BOARD NO. 1-648-531-13
BOARD' S LOT NO. 411-906
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB
DVW-DIF16-ALL-REC-S/M-04-B


DRIVER
Q401 2SA1611
Q402 DTA144EU
CABLE RECEIVER
Q403 2SC3356
DESCRAMBLE NRZ & S/P CONVERTER
IC408 SBX1602A
IC409 TC4S69F
ECL TO TTL
IC410 MC10125L
IC411 MC10125L
IC412 MC10125L
TP418 DEC VCO
D1 DECODER
IC413 CXD8386AQ
QFP 100P
IC400(2/4) SN74HC32NS
IC444(3/6) SN74HC04ANS
D403 CL-150PG-CD
IC461 74F157ASJ
IC406 TC4S69F
Q400 2SA1611
BUFFER
Q404 :NM
Q405
Q406
IC435(2/2) TL082CPS
IC435(1/2) TL082CPS
⊕ VOLTAGE TO ⊖ VOLTAGE CONVERTER
Q405 2SC4177
Q406 2SA1611
D400 1SS301-TE85L
CABLE DRIVER
Q407 2SC3356
Q408 2SC3356
Q409 2SC3356
Q407
Q408
Q409
CN1001(1/2)
SERIAL IN
CN554 SERIAL INPUT
CN1001(2/2)
THROUGH OUT
CN555 ACTIVE THROUGH OUT
1SS301-TE85L PIN LAYOUT
TRANSISTOR PIN LAYOUT
TEST YP
SAV PNT
P OUT
ENC CK
RX RESET
OUT CONT
DIF BOARD THROUGH
L;CHECK
DIAG X
DIAG Y
RX D2/D1
DEC VCO ADJ
REF CK27
D1 INX B0/B2
RST
DEC CK CONT
(FOR FACTORY USE)
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

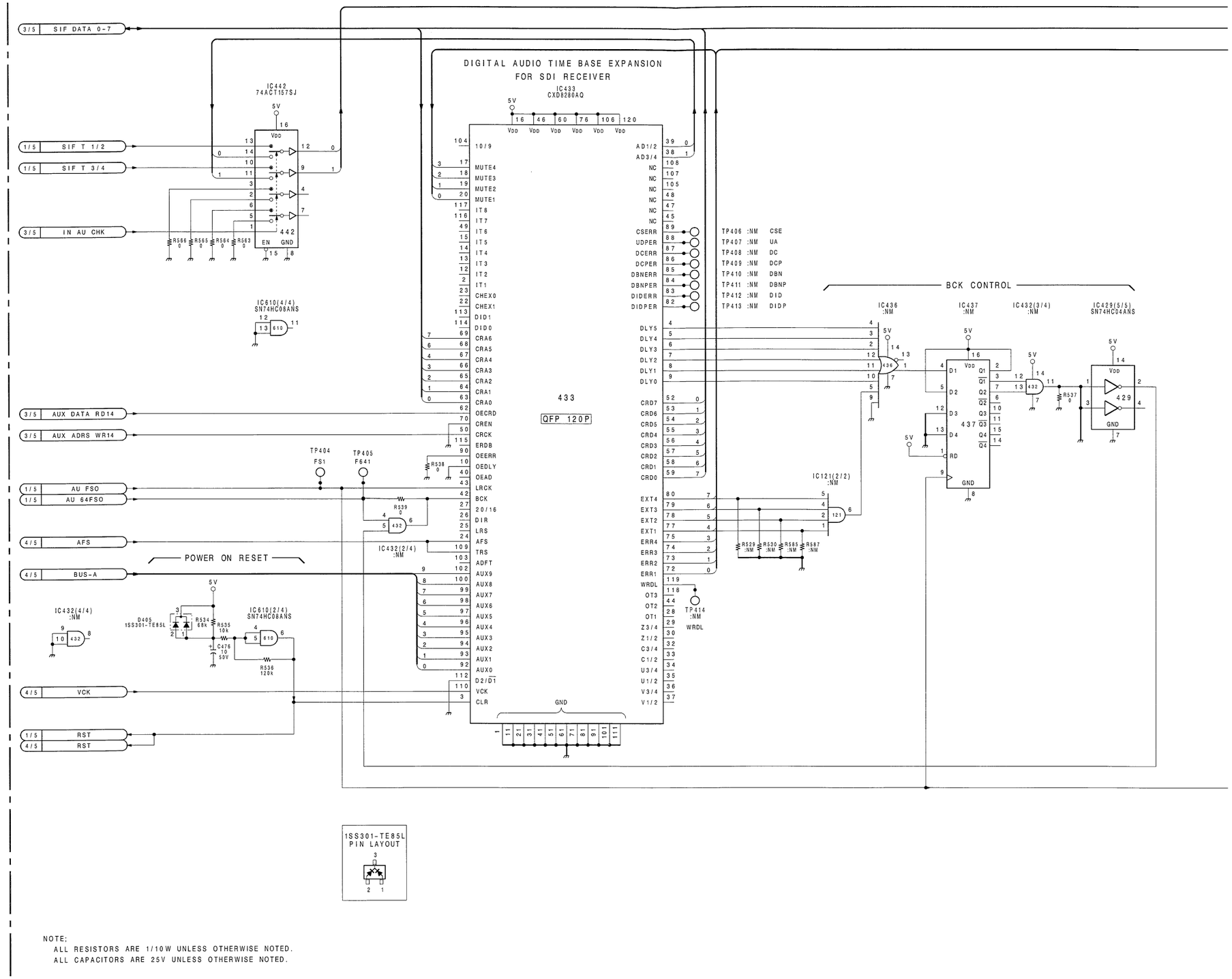


4:2:2 Component Serial Digital Interface Receiver

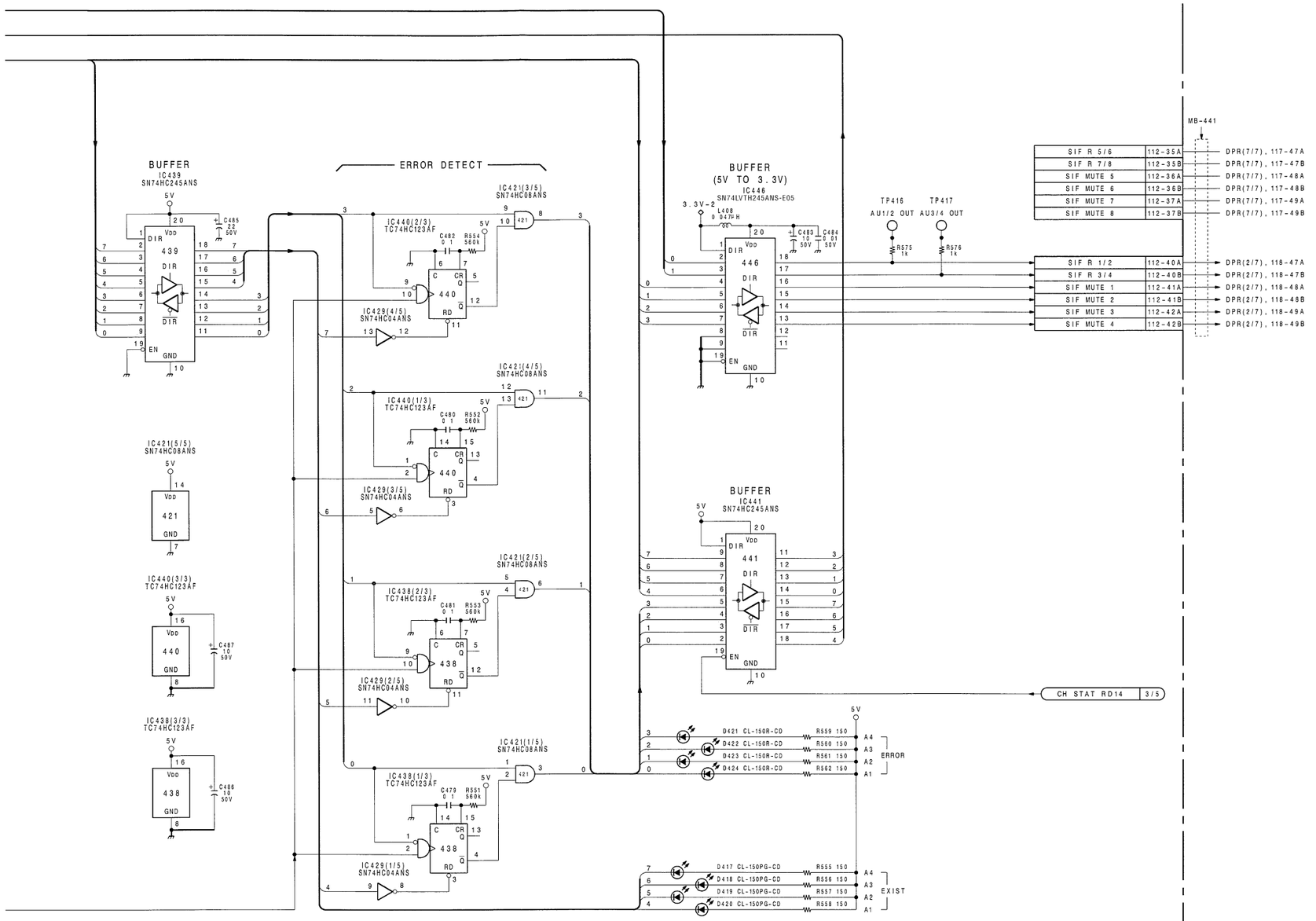
DIF-16 BOARD (4/5)

BOARD NO. 1-648-531-13
BOARD' S LOT NO. 411-906
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-B



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



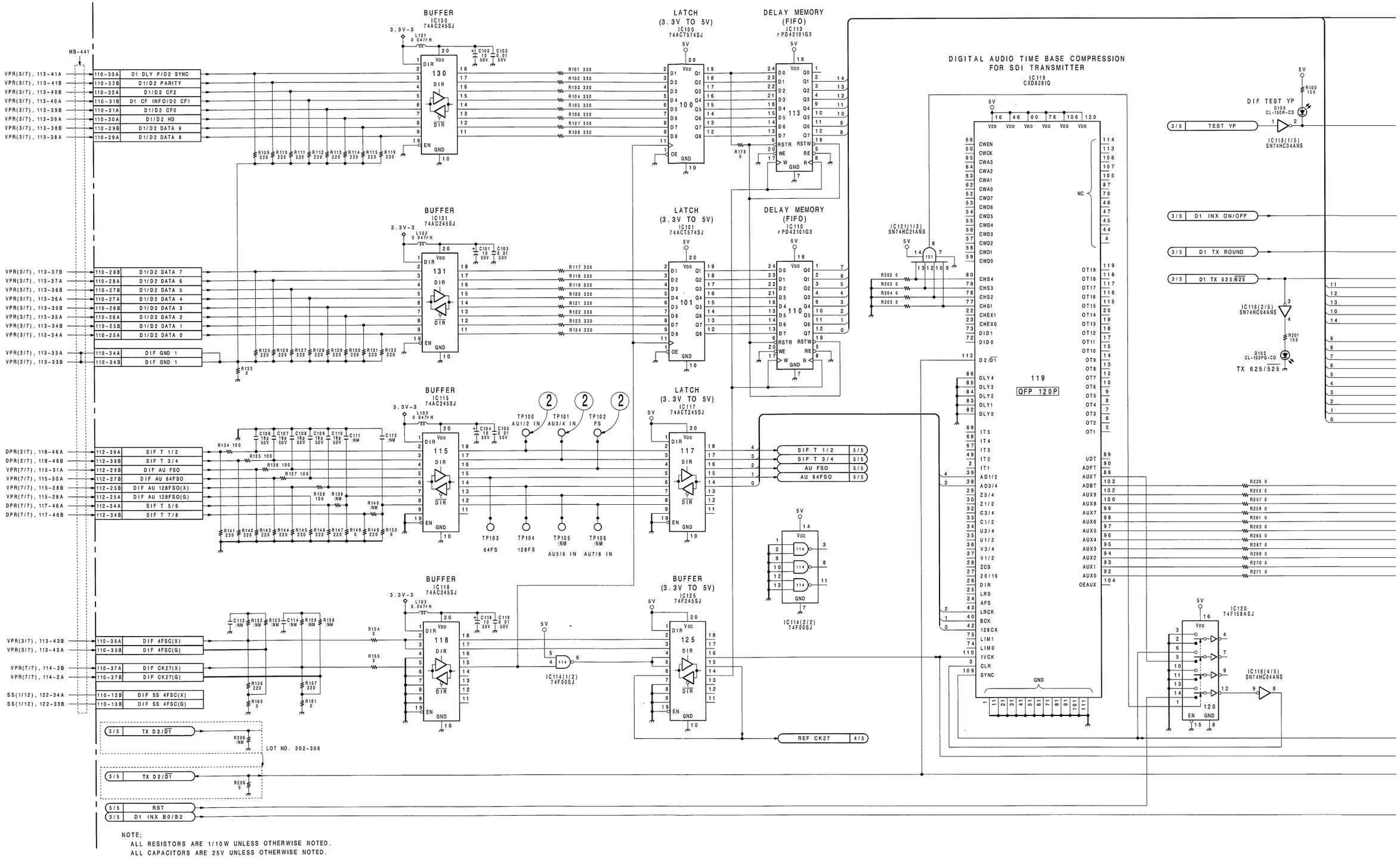
Digital Audio Timebase Expansion for 4:2:2 Component Serial Digital Interface Receiver

DIF-16 BOARD (5/5)

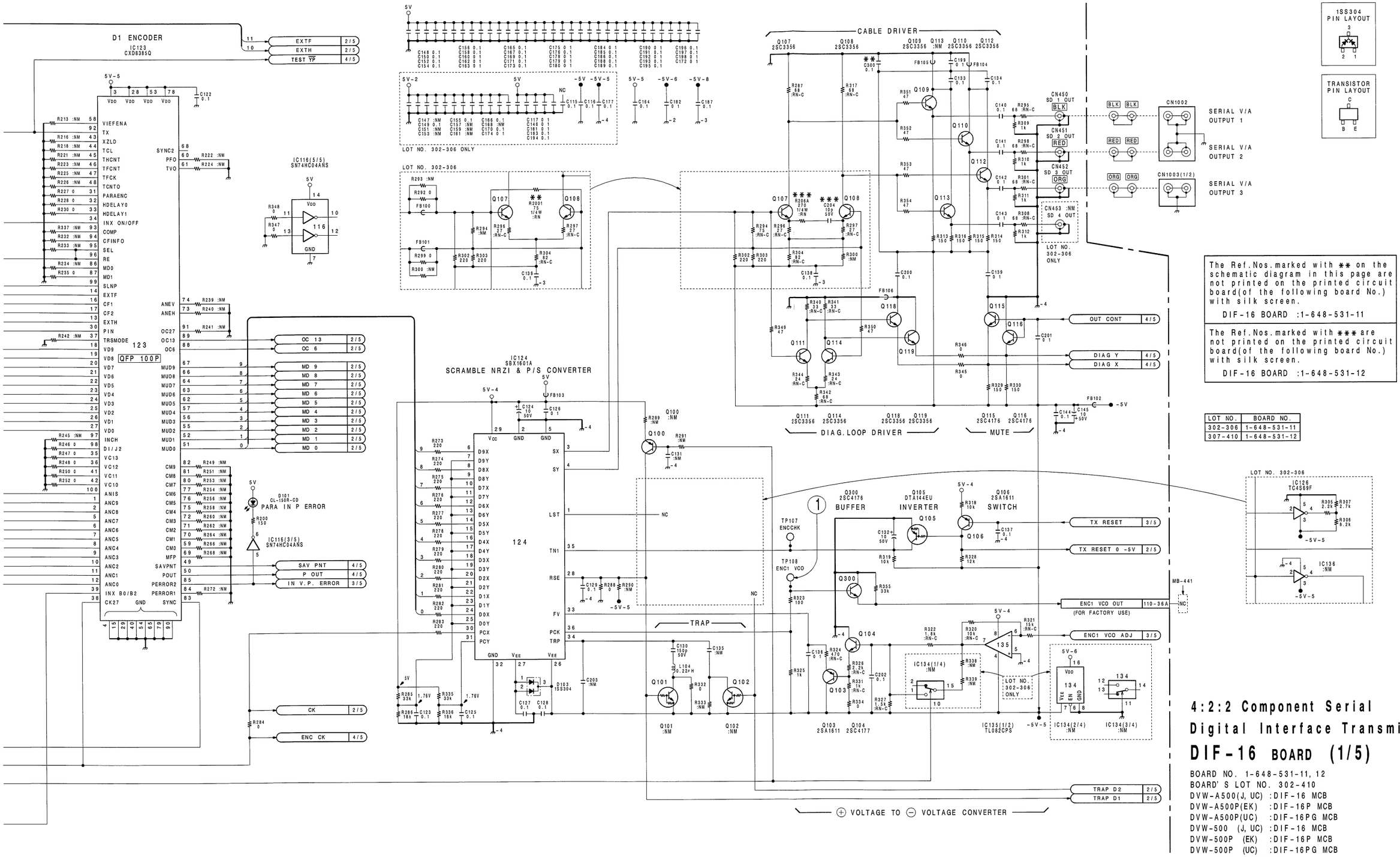
BOARD NO. 1-648-531-13
BOARD' S LOT NO. 411-906
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-B

DIF-16 (1/5)



1-40 (a)

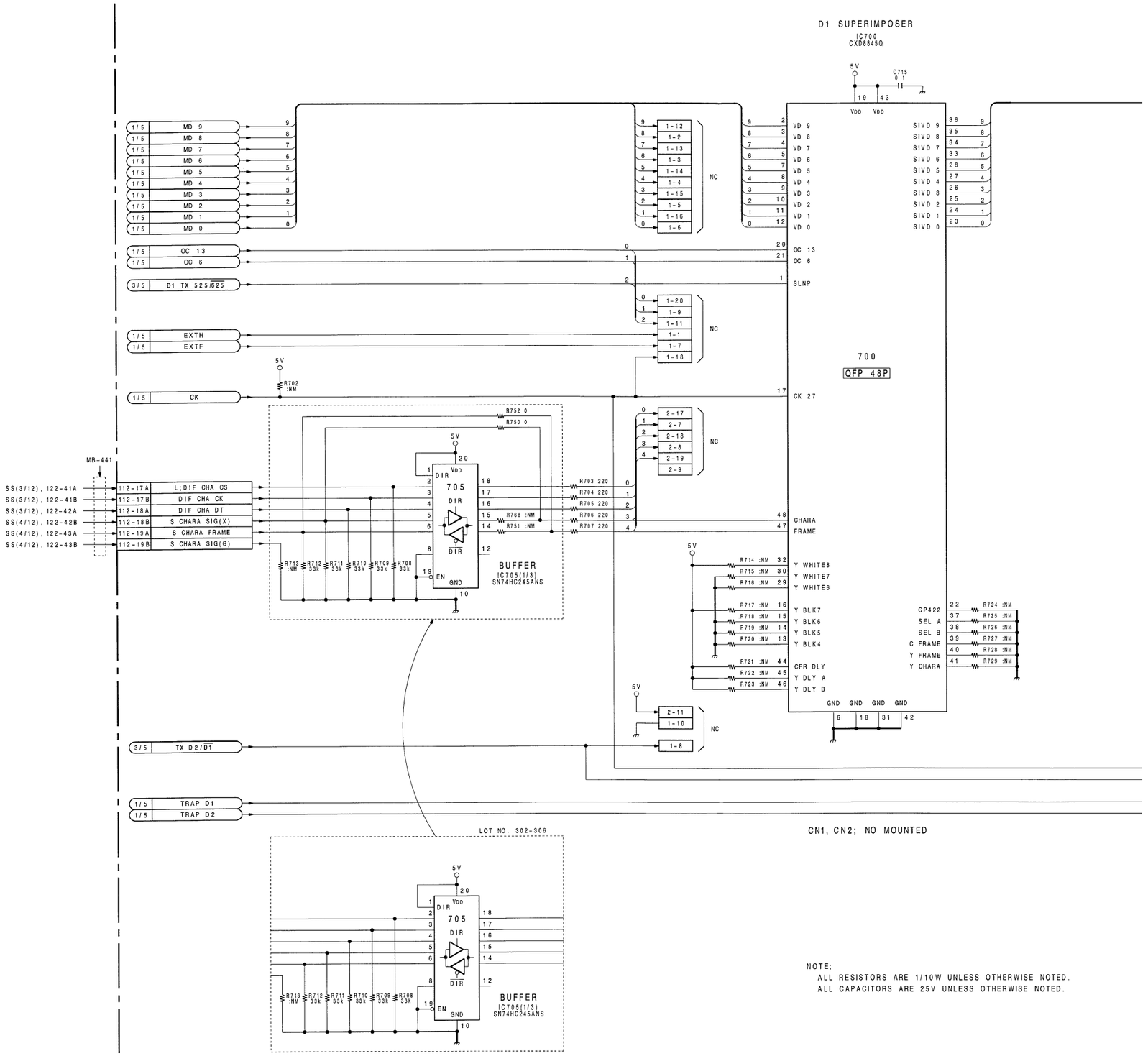


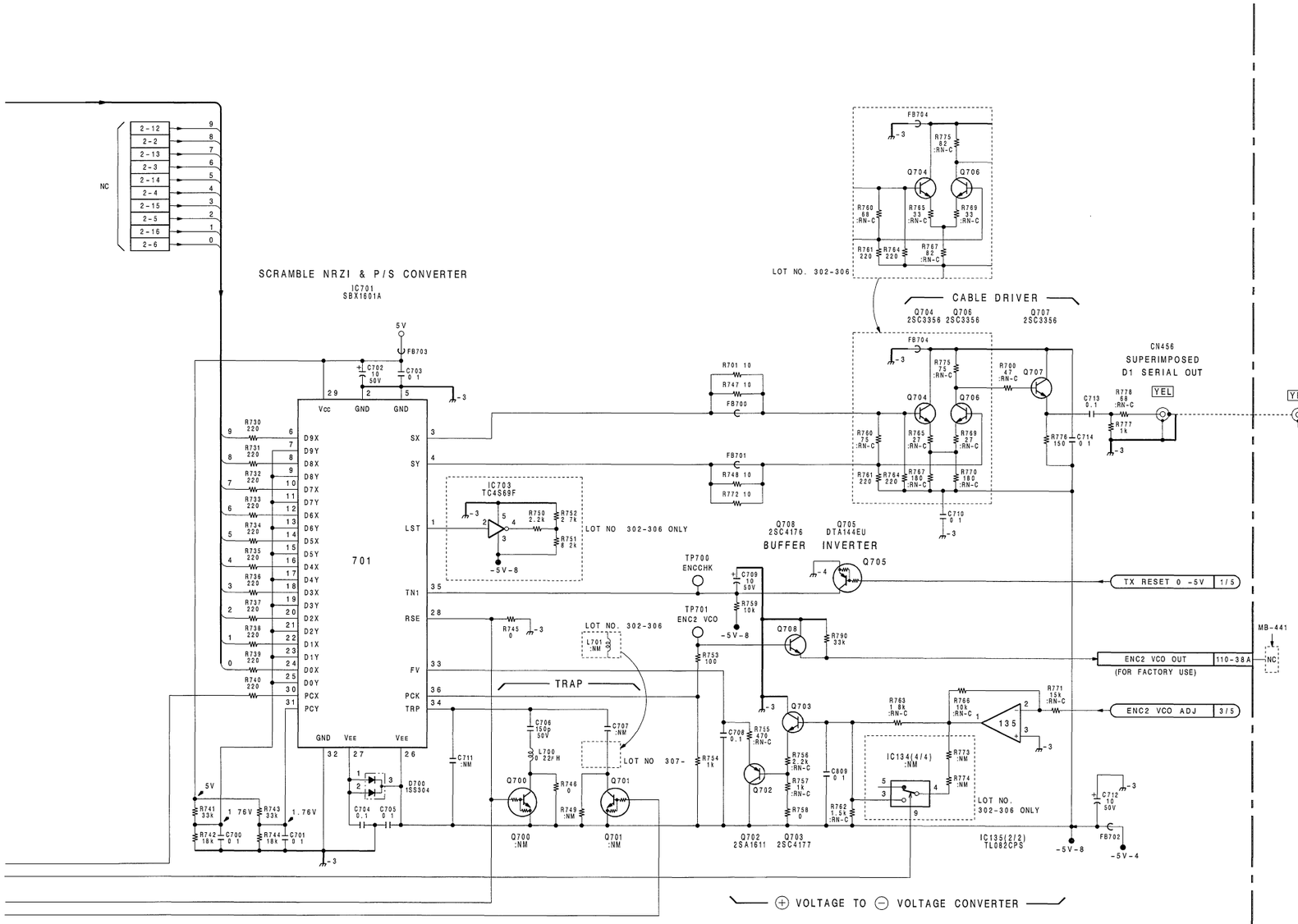
4:2:2 Component Serial Digital Interface Transmitter

DIF-16 BOARD (1/5)

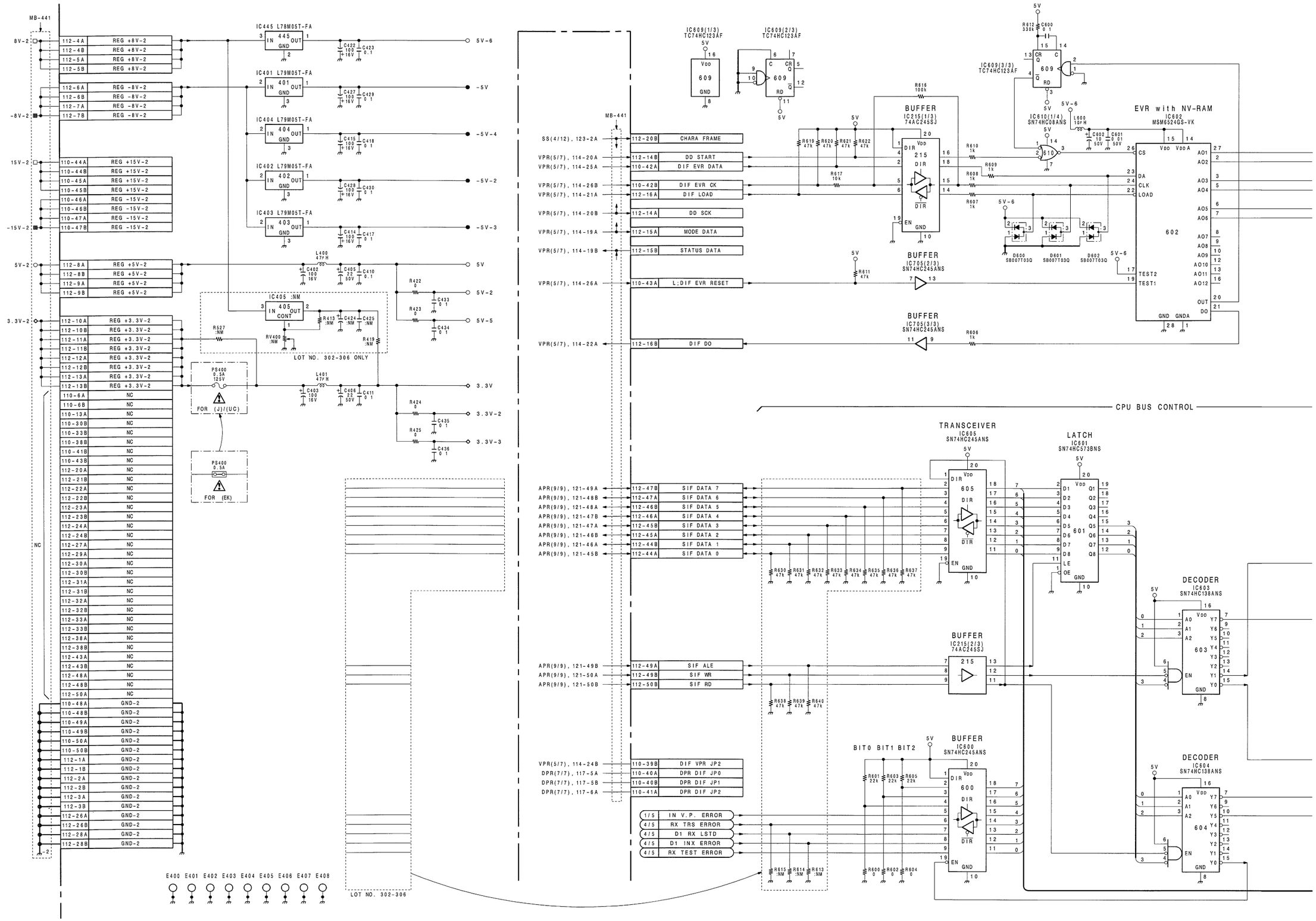
BOARD NO. 1-648-531-11, 12
BOARD' S LOT NO. 302-410
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-A


D1 SUPERIMPOSER
IC700
CXD8845Q
5V
C715
0.1
19
43
VDD
VDD
MD 9
MD 8
MD 7
MD 6
MD 5
MD 4
MD 3
MD 2
MD 1
MD 0
1-12
1-2
1-13
1-3
1-14
1-4
1-15
1-5
1-16
1-6
NC
VD 9
VD 8
VD 7
VD 6
VD 5
VD 4
VD 3
VD 2
VD 1
VD 0
SIVD 9
SIVD 8
SIVD 7
SIVD 6
SIVD 5
SIVD 4
SIVD 3
SIVD 2
SIVD 1
SIVD 0
OC 13
OC 6
SLNP
1-20
1-9
1-11
1-1
1-7
1-18
EXTH
EXTF
700
QFP 48P
R702
:NM
CK
CK 27
R752 0
R750 0
2-17
2-7
2-18
2-8
2-19
2-9
MB-441
SS(3/12), 122-41A
SS(3/12), 122-41B
SS(3/12), 122-42A
SS(4/12), 122-42B
SS(4/12), 122-43A
SS(4/12), 122-43B
112-17A
112-17B
112-18A
112-18B
112-19A
112-19B
L;DIF CHA CS
DIF CHA CK
DIF CHA DT
S CHARA SIG(X)
S CHARA FRAME
S CHARA SIG(G)
705
DIR
BUFFER
IC705(1/3)
SN74HC245ANS
R703 220
R704 220
R705 220
R706 220
R707 220
R768 :NM
R751 :NM
R713 :NM
R712 33k
R711 33k
R710 33k
R709 33k
R708 33k
CHARA
FRAME
R714 :NM
R715 :NM
R716 :NM
Y WHITE8
Y WHITE7
Y WHITE6
R717 :NM
R718 :NM
R719 :NM
R720 :NM
Y BLK7
Y BLK6
Y BLK5
Y BLK4
R721 :NM
R722 :NM
R723 :NM
CFR DLY
Y DLY A
Y DLY B
GP422
SEL A
SEL B
C FRAME
Y FRAME
Y CHARA
R724 :NM
R725 :NM
R726 :NM
R727 :NM
R728 :NM
R729 :NM
GND GND GND GND
6 18 31 42
2-11
1-10
1-8
TX D2/D1
TRAP D1
TRAP D2
LOT NO. 302-306
CN1, CN2; NO MOUNTED
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.


SCRAMBLE NRZI & P/S CONVERTER
IC701
SBX1601A
701
Vcc GND GND
GND VEE VEE
SX
SY
LST
TN1
RSE
FV
PCK
TRP
LOT NO. 302-306
CABLE DRIVER
Q704 2SC3356 Q706 2SC3356 Q707 2SC3356
CN456
SUPERIMPOSED
D1 SERIAL OUT
CN1003(2/2)
SERIAL V/A
OUTPUT 4
(SUPER)
IC703
TC4S69F
LOT NO 302-306 ONLY
Q708
2SC4176
BUFFER
Q705
DTA144EU
INVERTER
TP700
ENCCHK
TP701
ENC2 VCO
TX RESET 0 -5V
ENC2 VCO OUT
(FOR FACTORY USE)
ENC2 VCO ADJ
MB-441
TRAP
LOT NO. 302-306
LOT NO 307-
IC134(4/4)
:NM
LOT NO.
302-306 ONLY
IC135(2/2)
TL082CPS
Q700
:NM
Q701
:NM
Q702
2SA1611
Q703
2SC4177
D700
1SS304
Q709
Q710
Q711
Q712
Q713
Q714
Q715
Q716
Q717
Q718
Q719
Q720
Q721
Q722
Q723
Q724
Q725
Q726
Q727
Q728
Q729
Q730
Q731
Q732
Q733
Q734
Q735
Q736
Q737
Q738
Q739
Q740
Q741
Q742
Q743
Q744
Q745
Q746
Q747
Q748

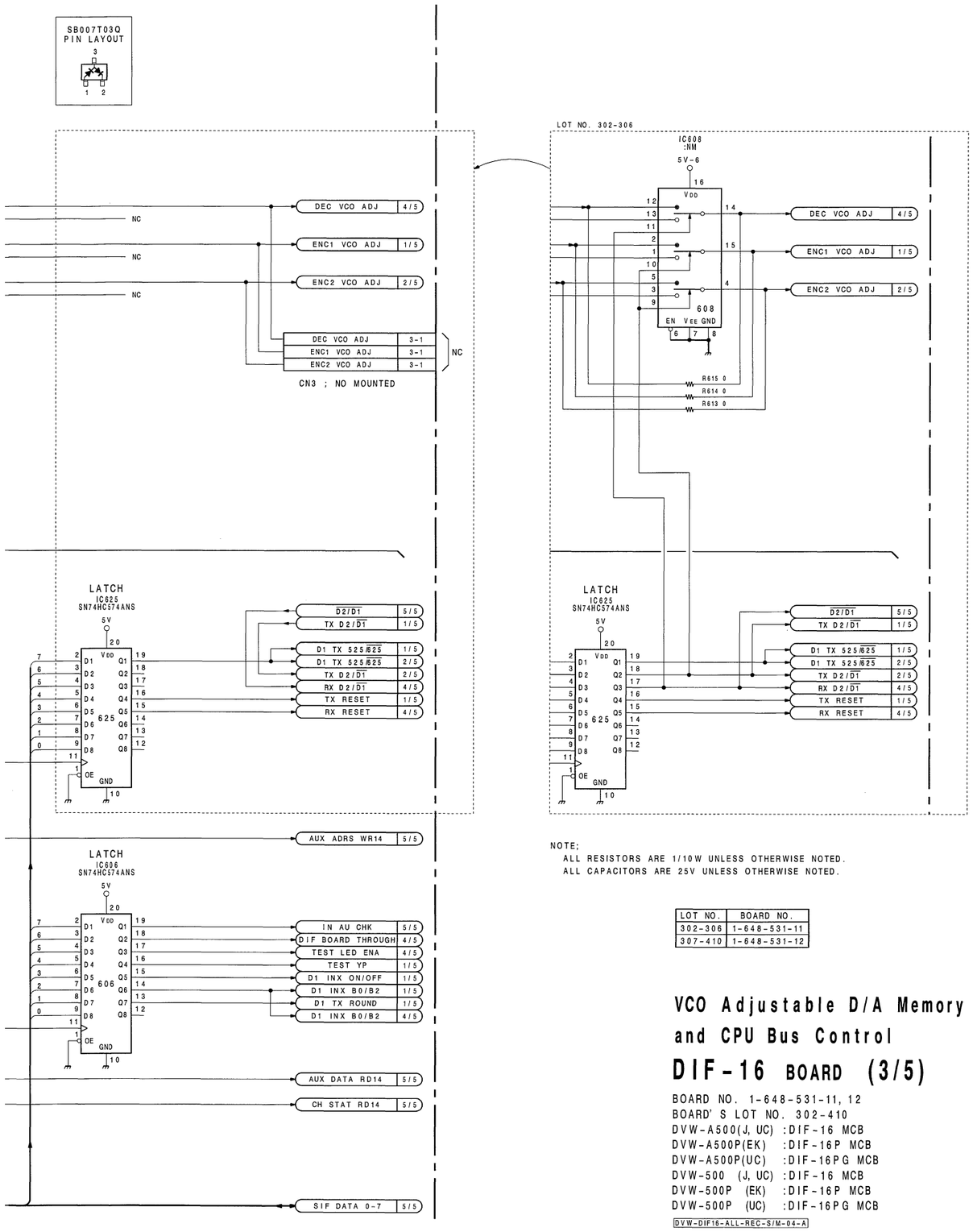
DIF-16 (3/5)



1-44 (a) 1-44 (a)

DVW-A500P/500P

A B C D E F G H



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

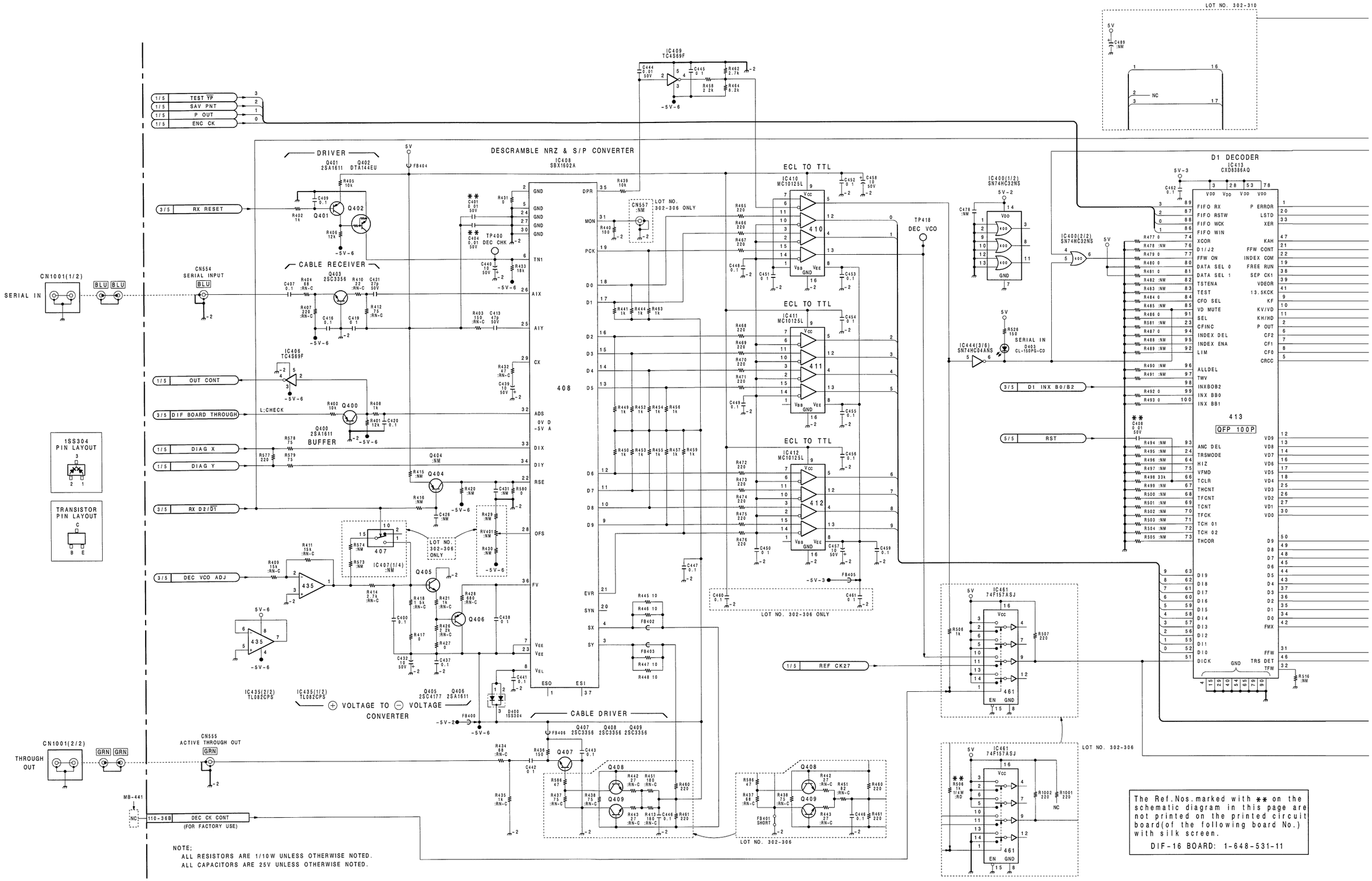
LOT NO.	BOARD NO.
302-306	1-648-531-11
307-410	1-648-531-12

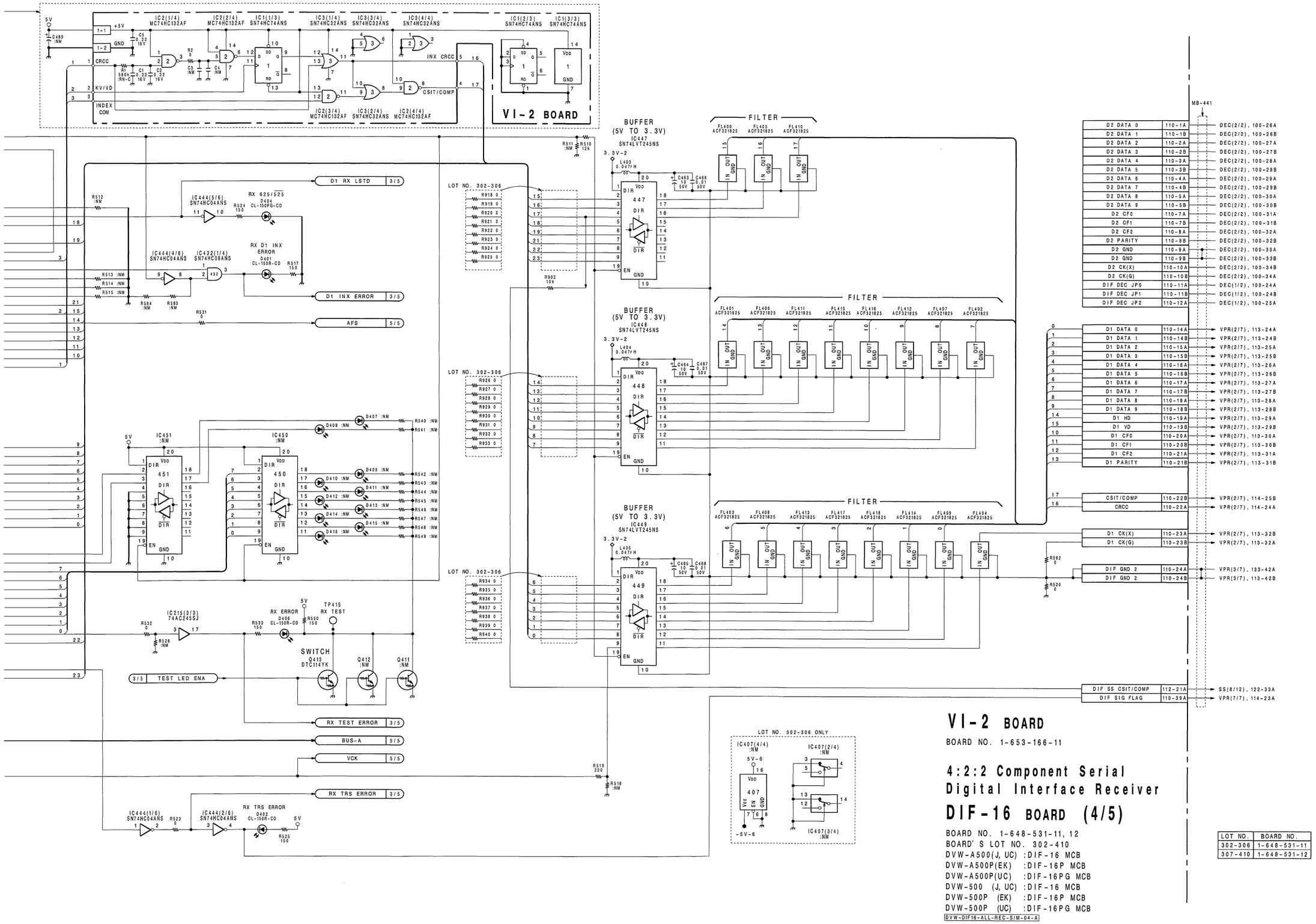
VCO Adjustable D/A Memory and CPU Bus Control

DIF-16 BOARD (3/5)

BOARD NO. 1-648-531-11, 12
BOARD' S LOT NO. 302-410
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-A


DESCRAMBLE NRZ & S/P CONVERTER
IC408 SBX1602A
DRIVER
Q401 2SA1611
Q402 DTA144EU
CABLE RECEIVER
Q403 2SC3356
BUFFER
Q400 2SA1611
IC406 TC4S69F
IC409 TC4S69F
ECL TO TTL
IC410 MC10125L
IC411 MC10125L
IC412 MC10125L
D1 DECODER
IC413 CXD8386AQ
QFP 100P
IC400(1/2) SN74HC32NS
IC400(2/2) SN74HC32NS
IC444(3/6) SN74HC04ANS
IC451 74F157ASJ
IC461 74F157ASJ
IC435(2/2) TL082CPS
IC435(1/2) TL082CPS
⊕ VOLTAGE TO ⊖ VOLTAGE CONVERTER
CABLE DRIVER
Q407 2SC3356 Q408 2SC3356 2SC3356
Q405 2SC4177 Q406 2SA1611
D400 1SS304
TP400 DEC CHK
TP418 DEC VCO
CN1001(1/2)
SERIAL IN
CN554 SERIAL INPUT
CN1001(2/2)
THROUGH OUT
CN555 ACTIVE THROUGH OUT
MB-441
1SS304 PIN LAYOUT
TRANSISTOR PIN LAYOUT
LOT NO. 302-306 ONLY
LOT NO. 302-306
TEST YP
SAV PNT
P OUT
ENC CK
RX RESET
OUT CONT
DIF BOARD THROUGH
DIAG X
DIAG Y
RX D2/D1
DEC VCO ADJ
L;CHECK
DEC CK CONT
(FOR FACTORY USE)
SERIAL IN
D1 INX B0/B2
RST
REF CK27
FIFO RX
FIFO RSTW
FIFO WCK
FIFO WIN
XCOR
D1/J2
FFW ON
DATA SEL 0
DATA SEL 1
TSTENA
TEST
CFO SEL
VD MUTE
SEL
CFINC
INDEX DEL
INDEX ENA
LIM
ALLDEL
TWV
INXBOB2
INX BB0
INX BB1
ANC DEL
TRSMODE
HIZ
VFMD
TCLR
THCNT
TFCNT
TCNT
TFCK
TCH 01
TCH 02
THCOR
P ERROR
LSTD
XER
KAH
FFW CONT
INDEX COM
FREE RUN
SEP CK1
VDEOR
13.5KCK
KF
KV/VD
KH/HD
P OUT
CF2
CF1
CF0
CRCC
GND
TRS DET
TFW
FMX
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board(of the following board No.) with silk screen.
DIF-16 BOARD: 1-648-531-11



VI-2 BOARD

BOARD NO. 1-653-166-11

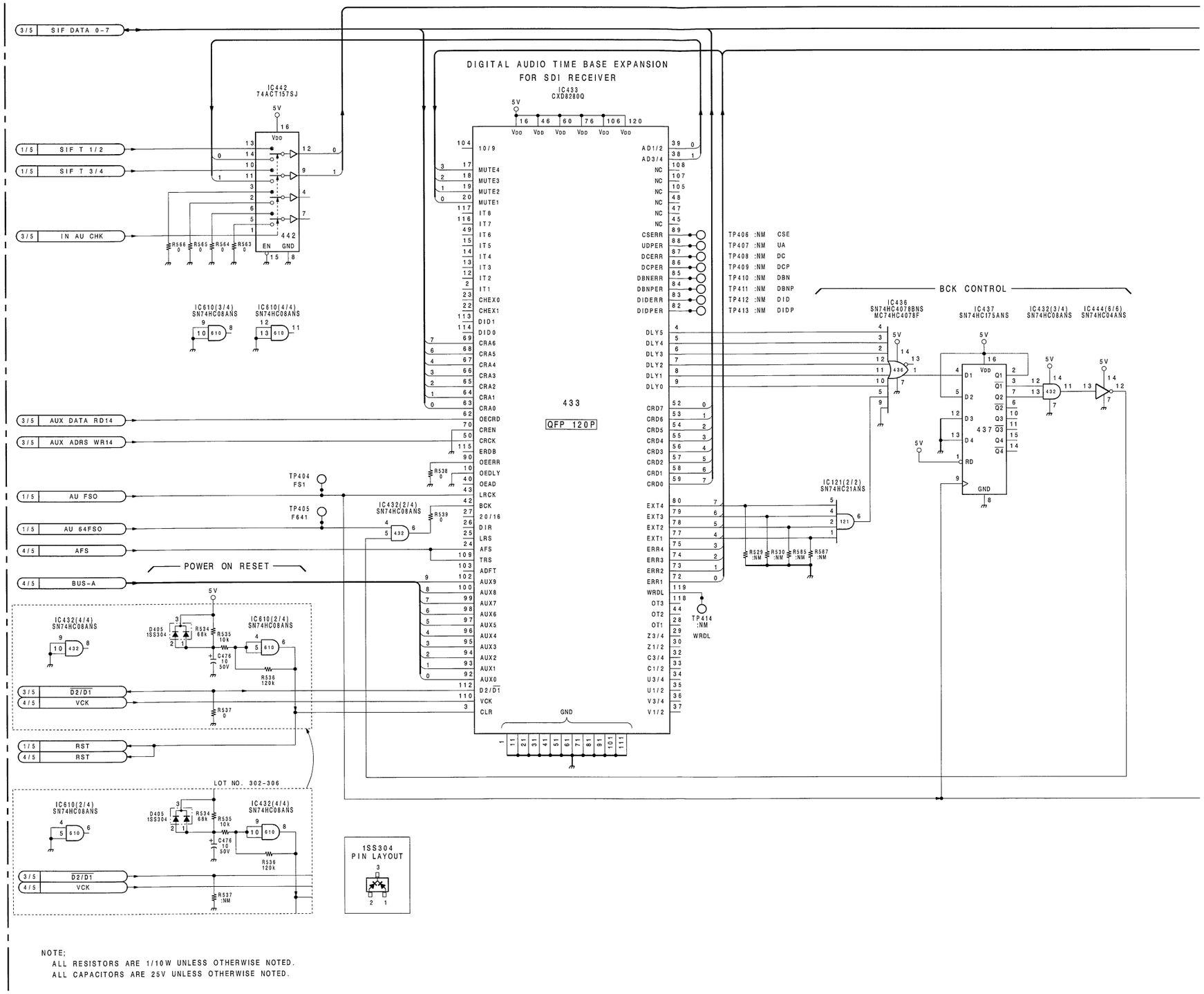
4:2:2 Component Serial Digital Interface Receiver

DIF-16 BOARD (4/5)

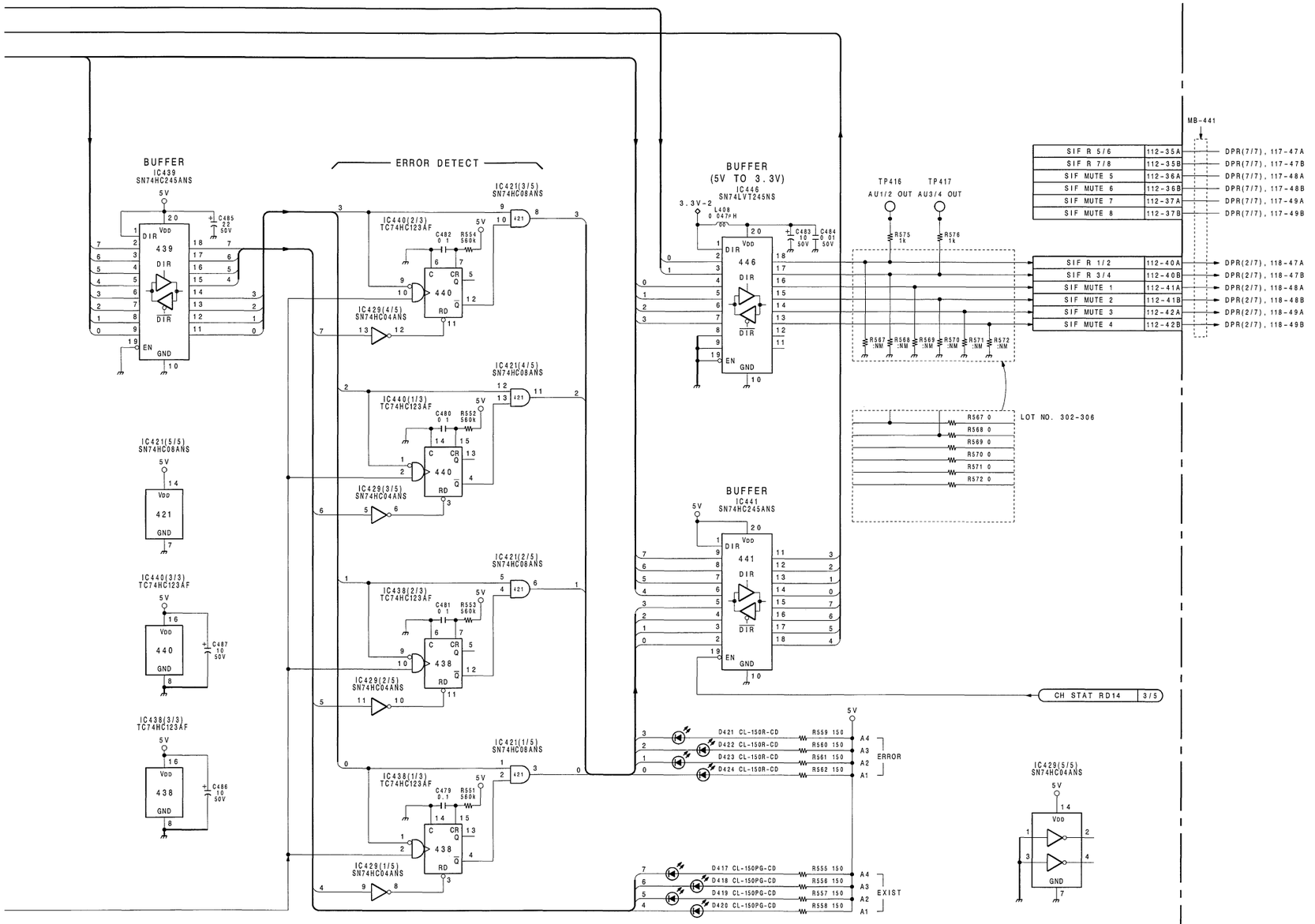
BOARD NO. 1-648-531-11, 12
BOARD' S LOT NO. 302-410
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-A

LOT NO.	BOARD NO.
302-306	1-648-531-11
307-410	1-648-531-12



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



Digital Audio Timebase Expansion for 4:2:2 Component Serial Digital Interface Receiver

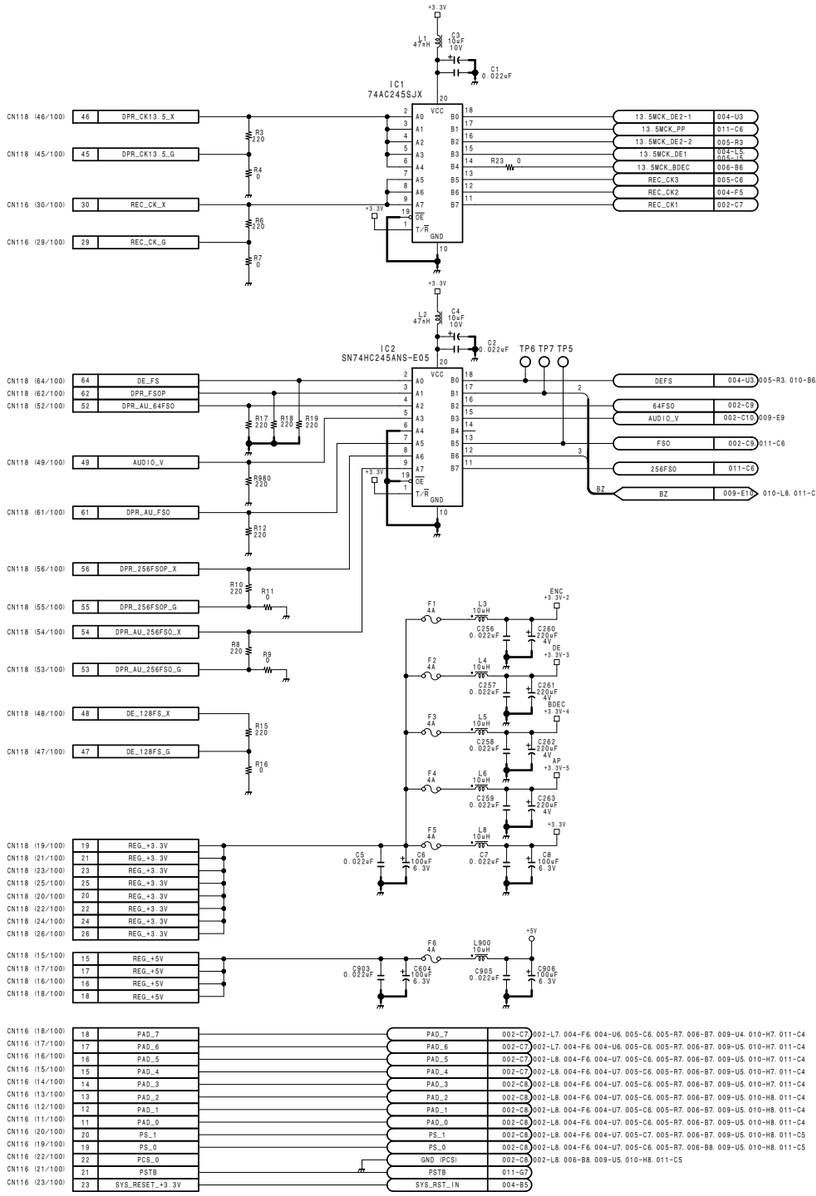
DIF-16 BOARD (5/5)

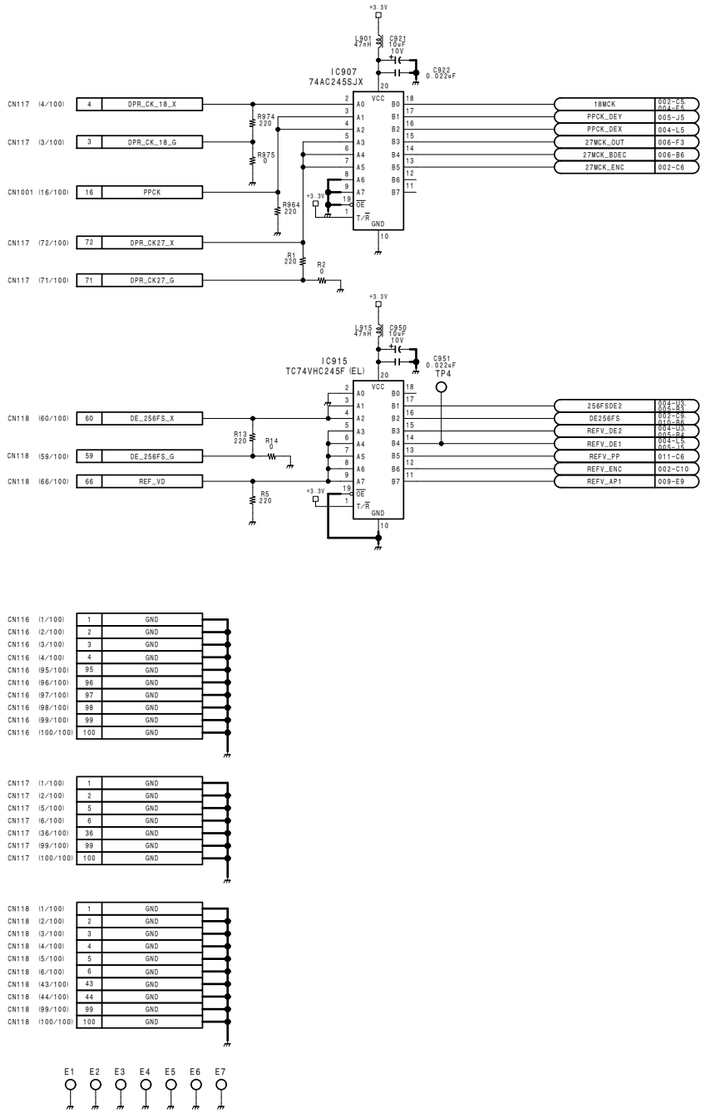
BOARD NO. 1-648-531-11, 12
BOARD' S LOT NO. 302-410
DVW-A500(J, UC) :DIF-16 MCB
DVW-A500P(EK) :DIF-16P MCB
DVW-A500P(UC) :DIF-16PG MCB
DVW-500 (J, UC) :DIF-16 MCB
DVW-500P (EK) :DIF-16P MCB
DVW-500P (UC) :DIF-16PG MCB

DVW-DIF16-ALL-REC-S/M-04-A

LOT NO.	BOARD NO.
302-306	1-648-531-11
307-410	1-648-531-12

DPR-36 (1/11)

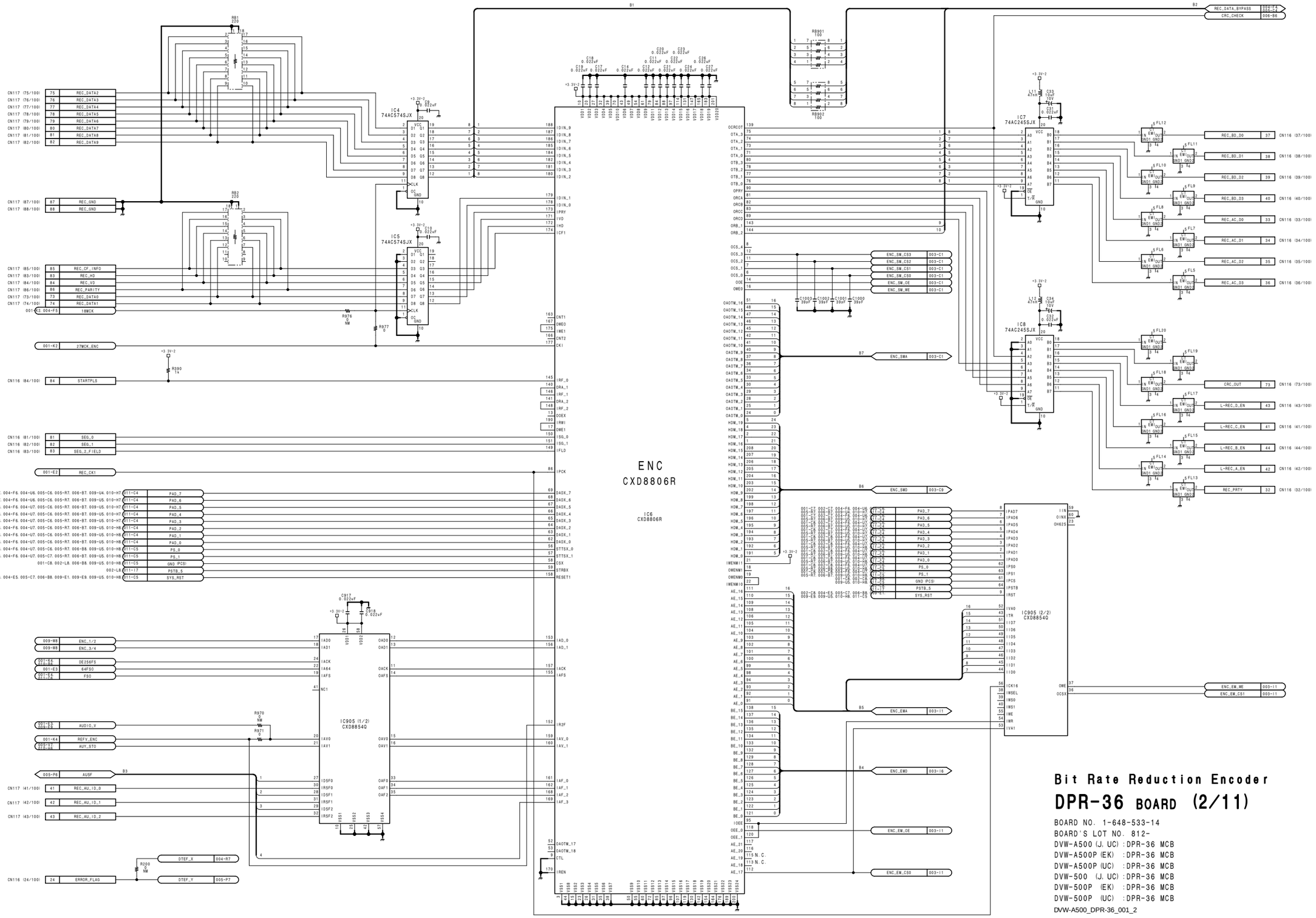




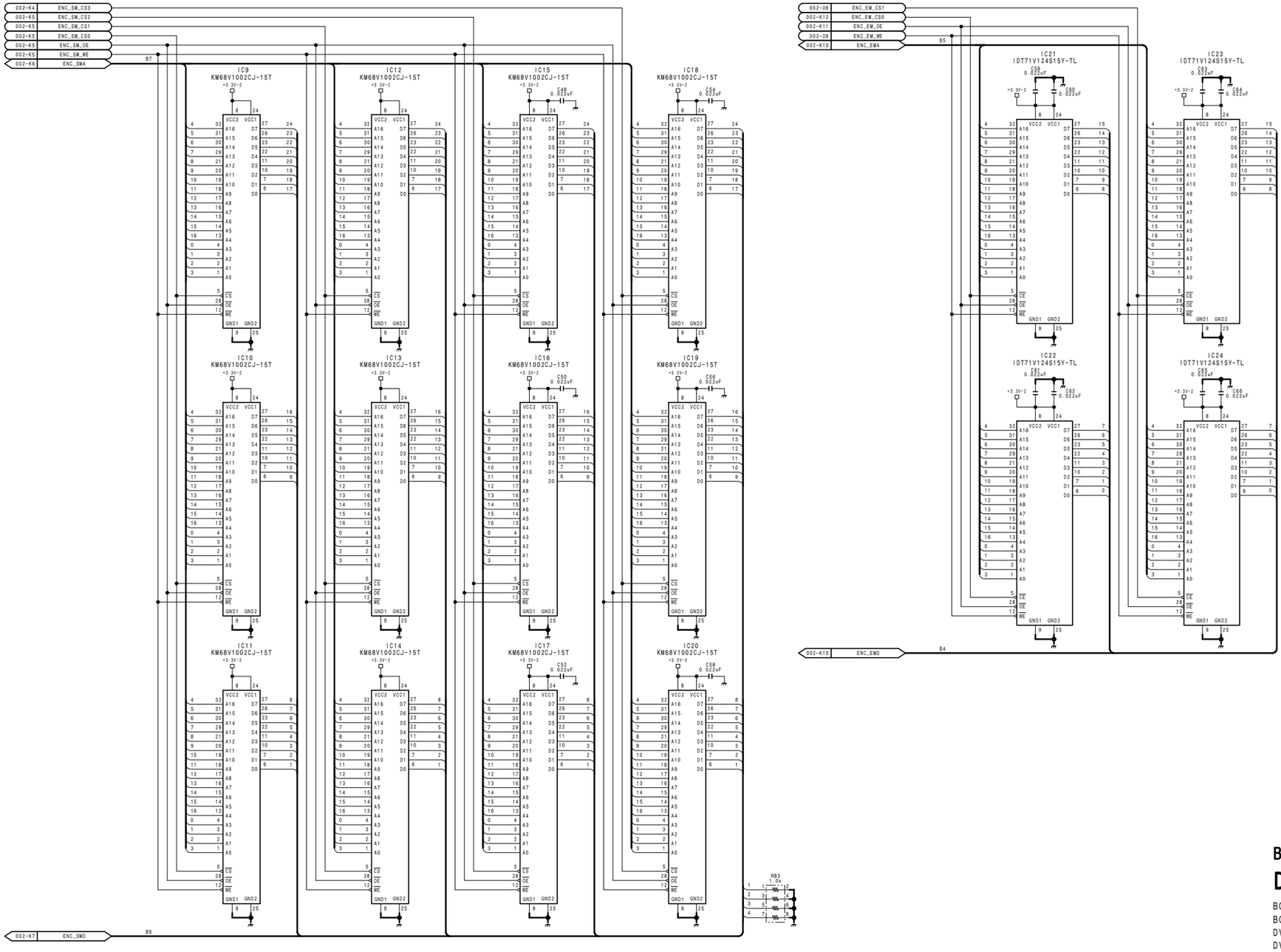
Digital Process System Control

DPR-36 BOARD (1/11)

BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_1


ENC
CXD8806R
IC6
CXD8806R
IC905 (1/2)
CX08854Q
IC905 (2/2)
CXD8854Q
IC4
74AC574SJX
IC5
74AC574SJX
IC7
74AC245SJX
IC8
74AC245SJX
Bit Rate Reduction Encoder
DPR-36 BOARD (2/11)
BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_2

DPR-36 (3/11)

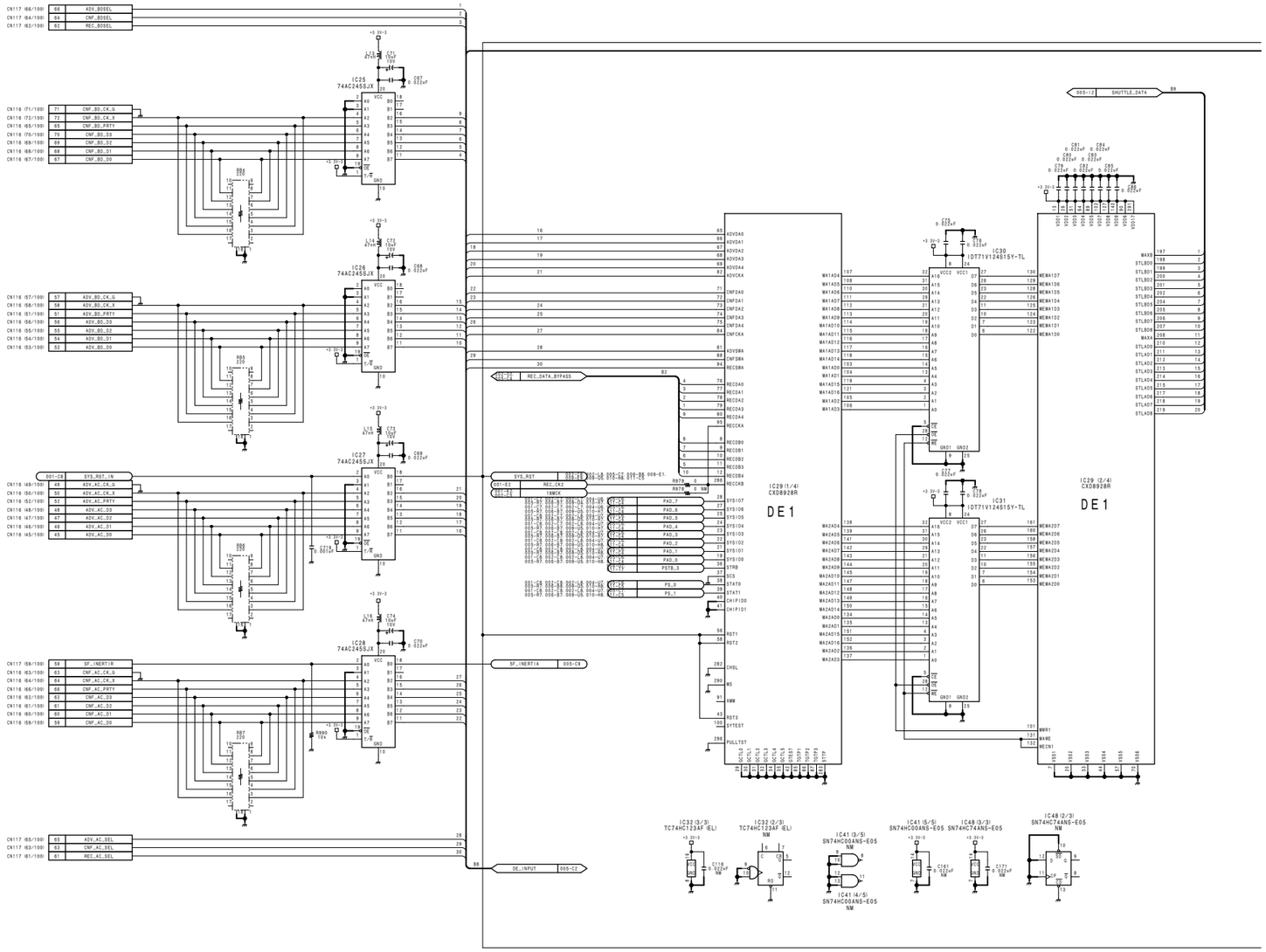


Bit Rate Reduction Encoder Memory

DPR-36 BOARD (3/11)

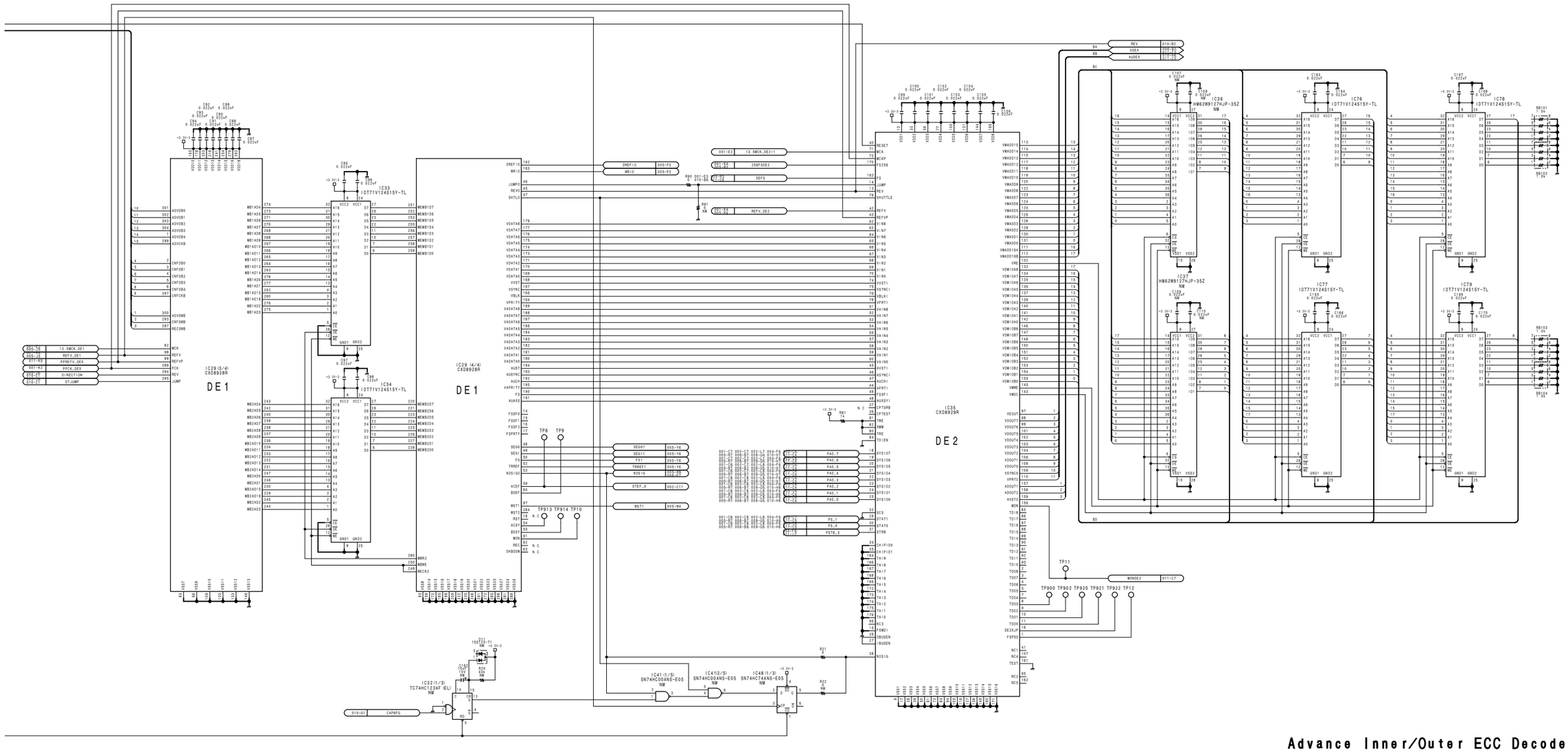
BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_3

DPR-36 (4/11)



1-54 (d)

DPR-36 (4/11)



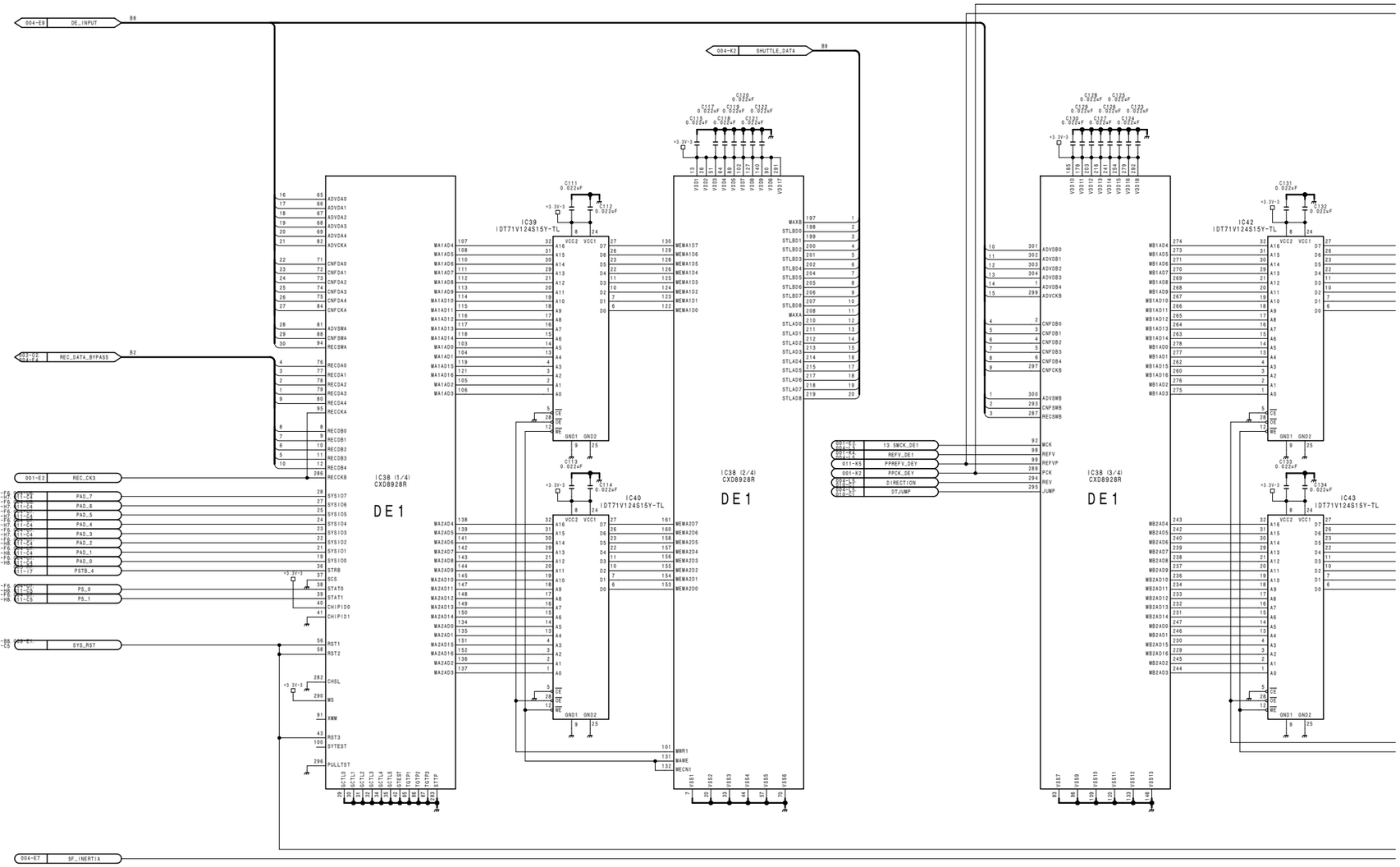
Advance Inner/Outer ECC Decoder

DPR-36 BOARD (4/11)

BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB

DVW-A500_DPR-36_001_4

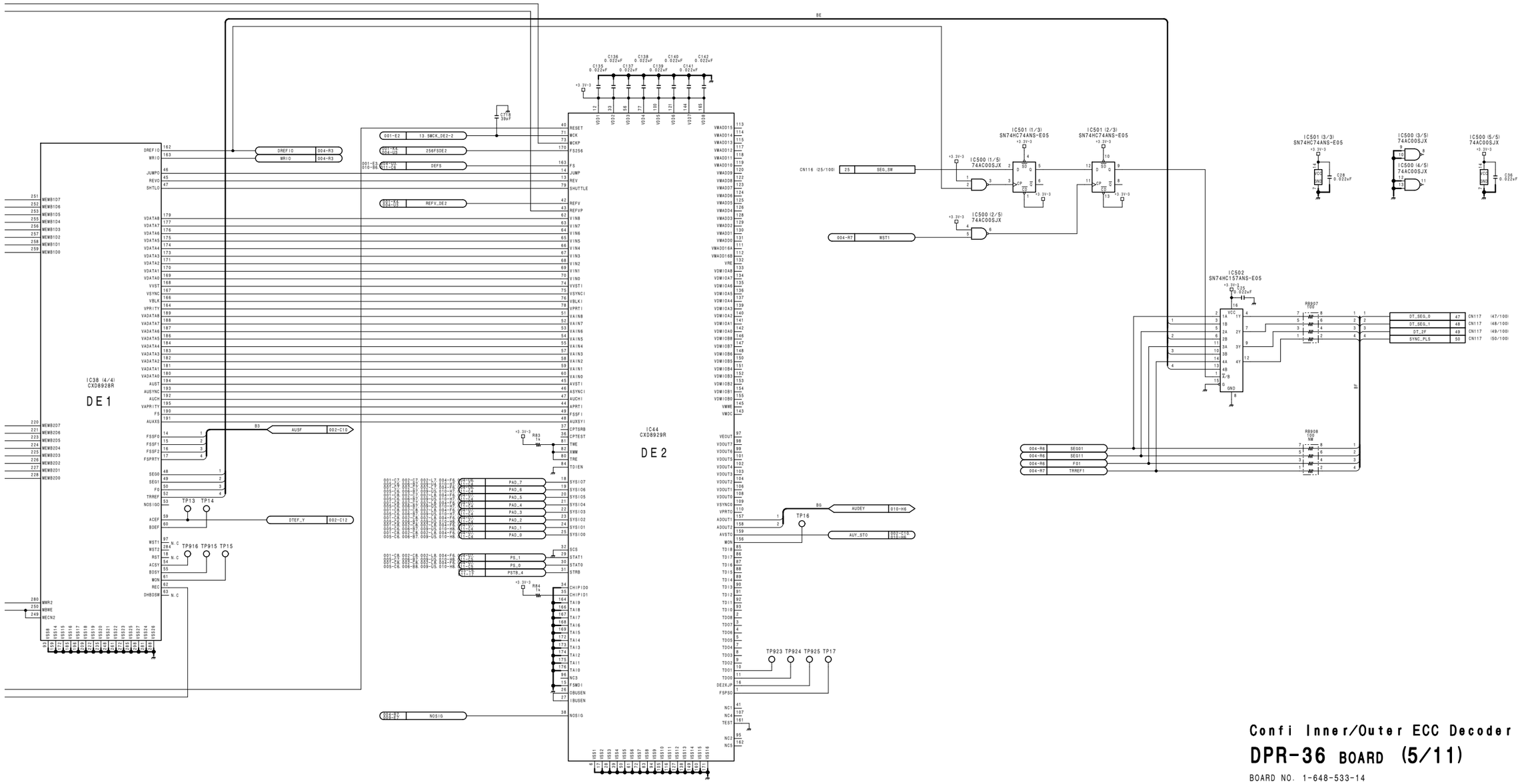
DPR-36 (5/11)



1-56 (d) 1-56 (d)

DVW-A500P/500P

A B C D E F G H

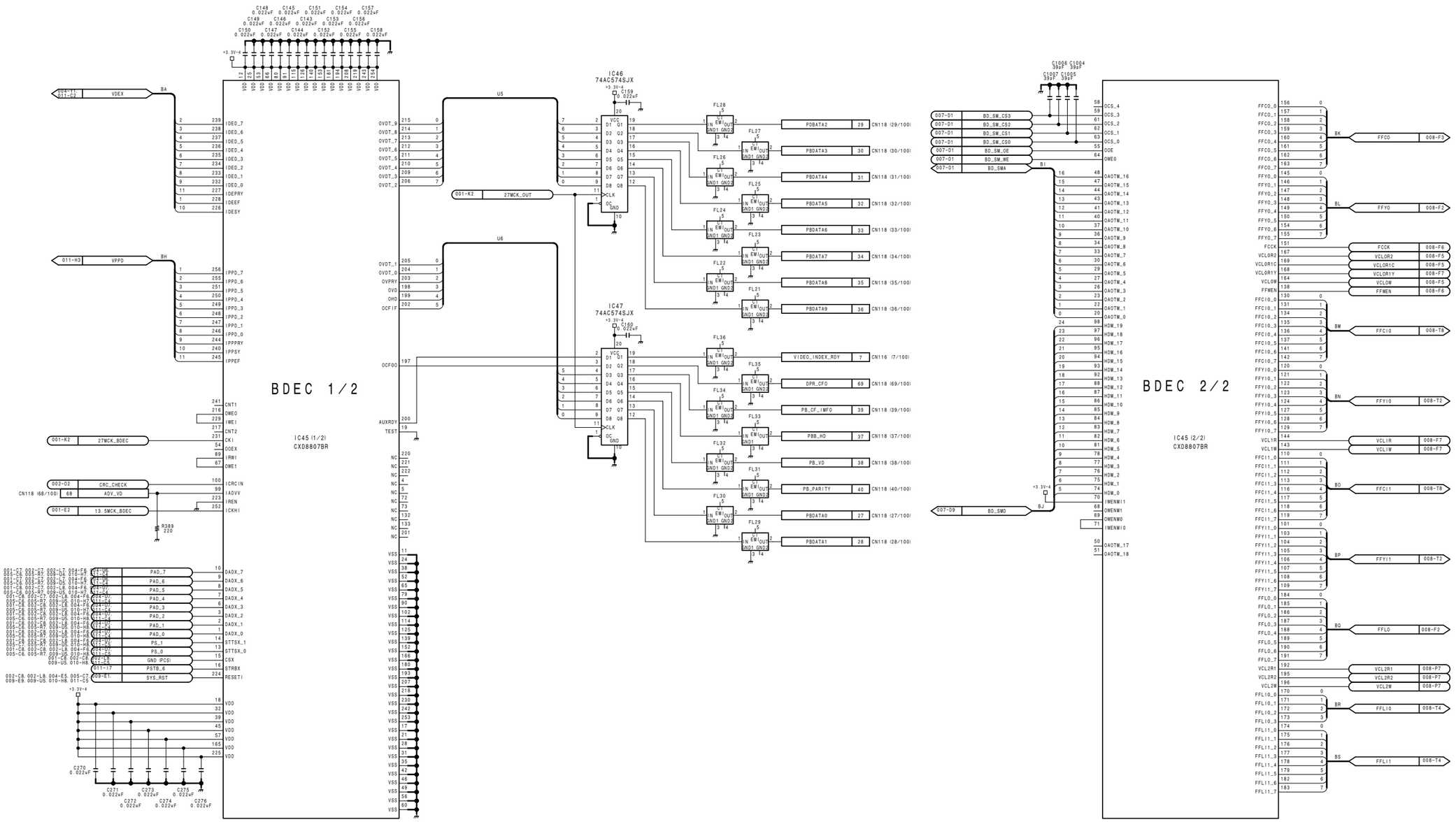


Confi Inner/Outer ECC Decoder

DPR-36 BOARD (5/11)

BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB

DVW-A500_DPR-36_001_5

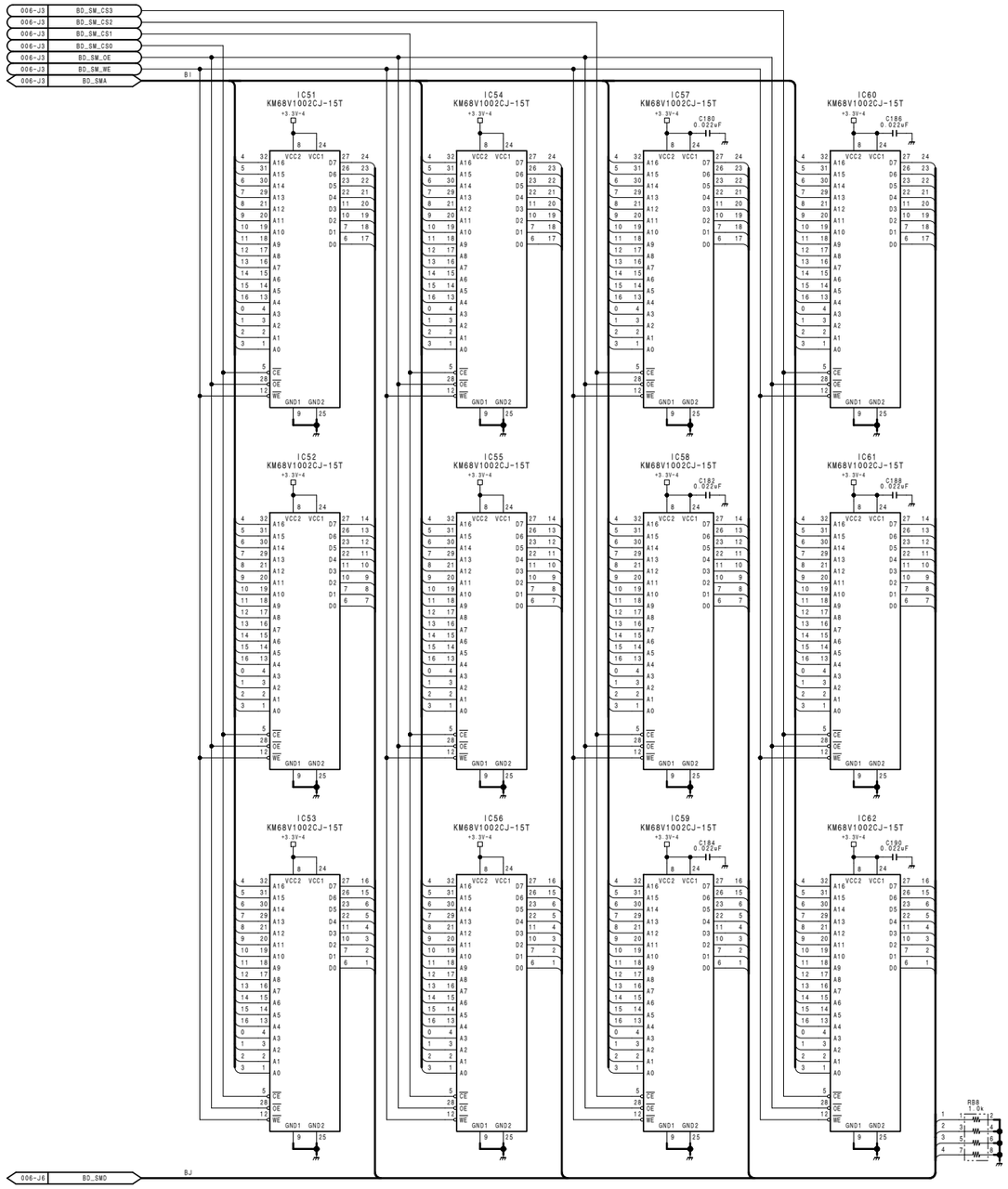


Bit Rate Reduction Decoder & Concealment Circuit

DPR-36 BOARD (6/11)

BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_6

DPR-36 (7/11)



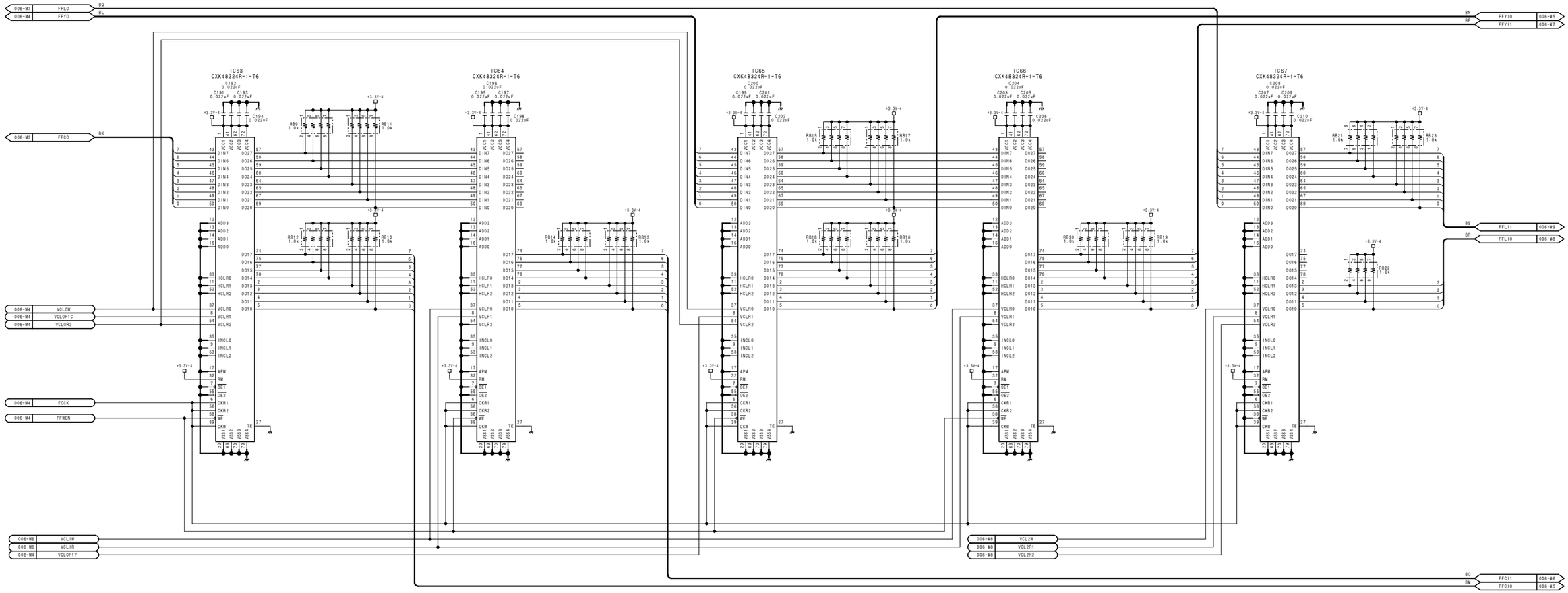
	LOT NO.	
	812-907	908-
IC51-IC62	IDT71V124S15Y-TL	KM68V1002CJ-15T

DE-Shuffling Memory

DPR-36 BOARD (7/11)

BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_7

DPR-36 (8/11)

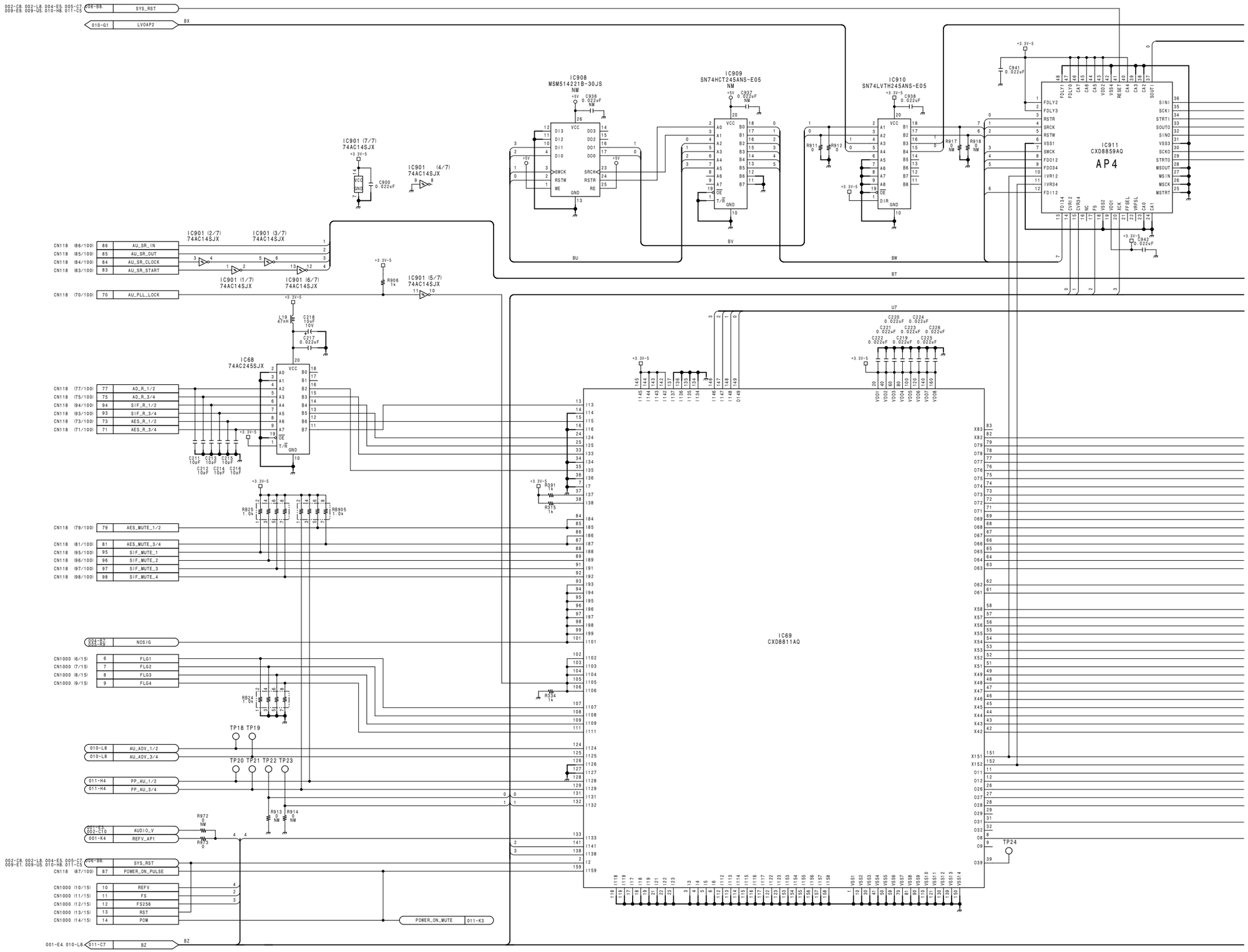


Concealment FIFO Memory

DPR-36 BOARD (8/11)

BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J. UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J. UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_8

DPR-36 (9/11)

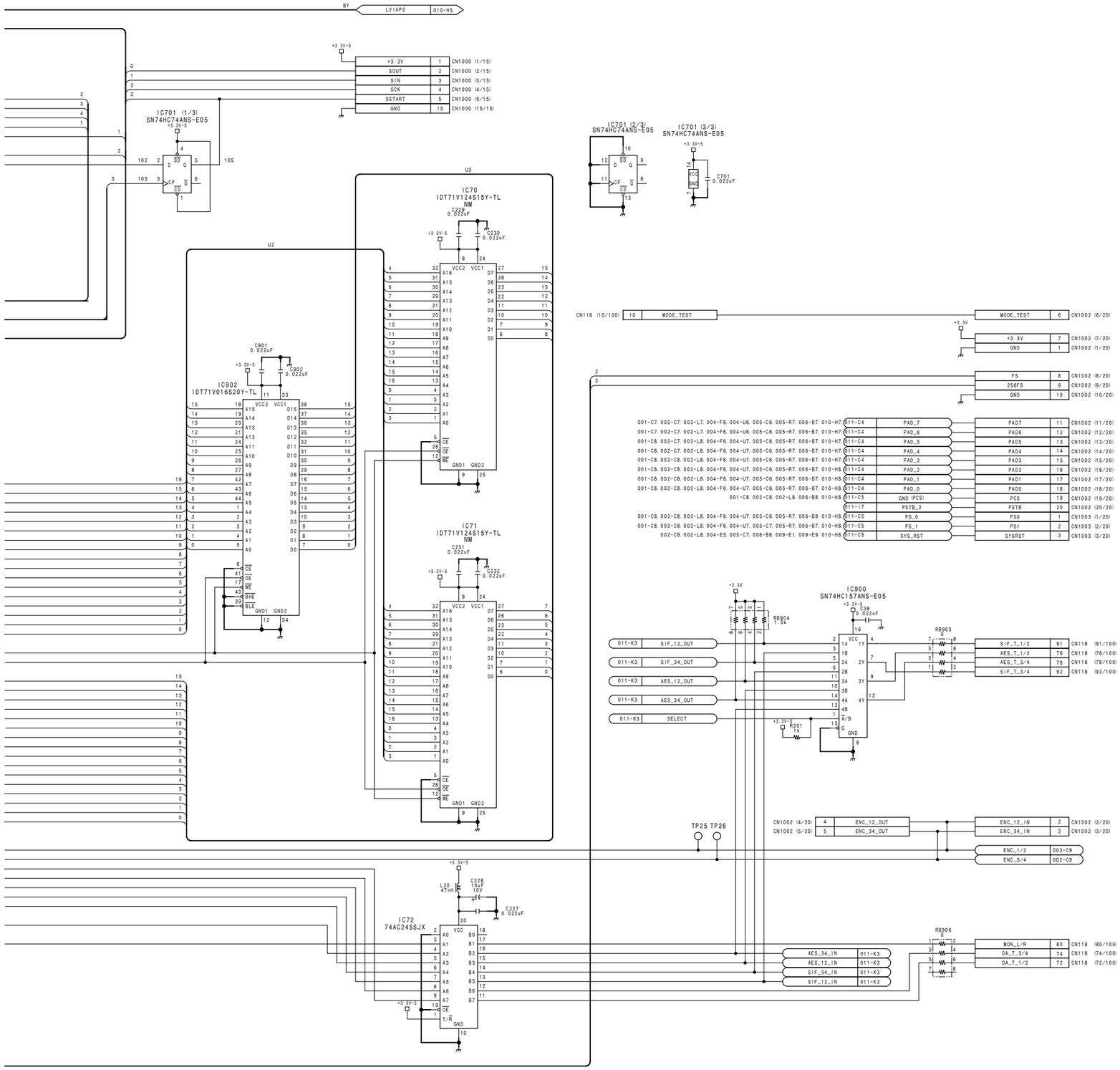


1-62 (d) 1-62 (d)

DVW-A500P/500P

A B C D E F G H

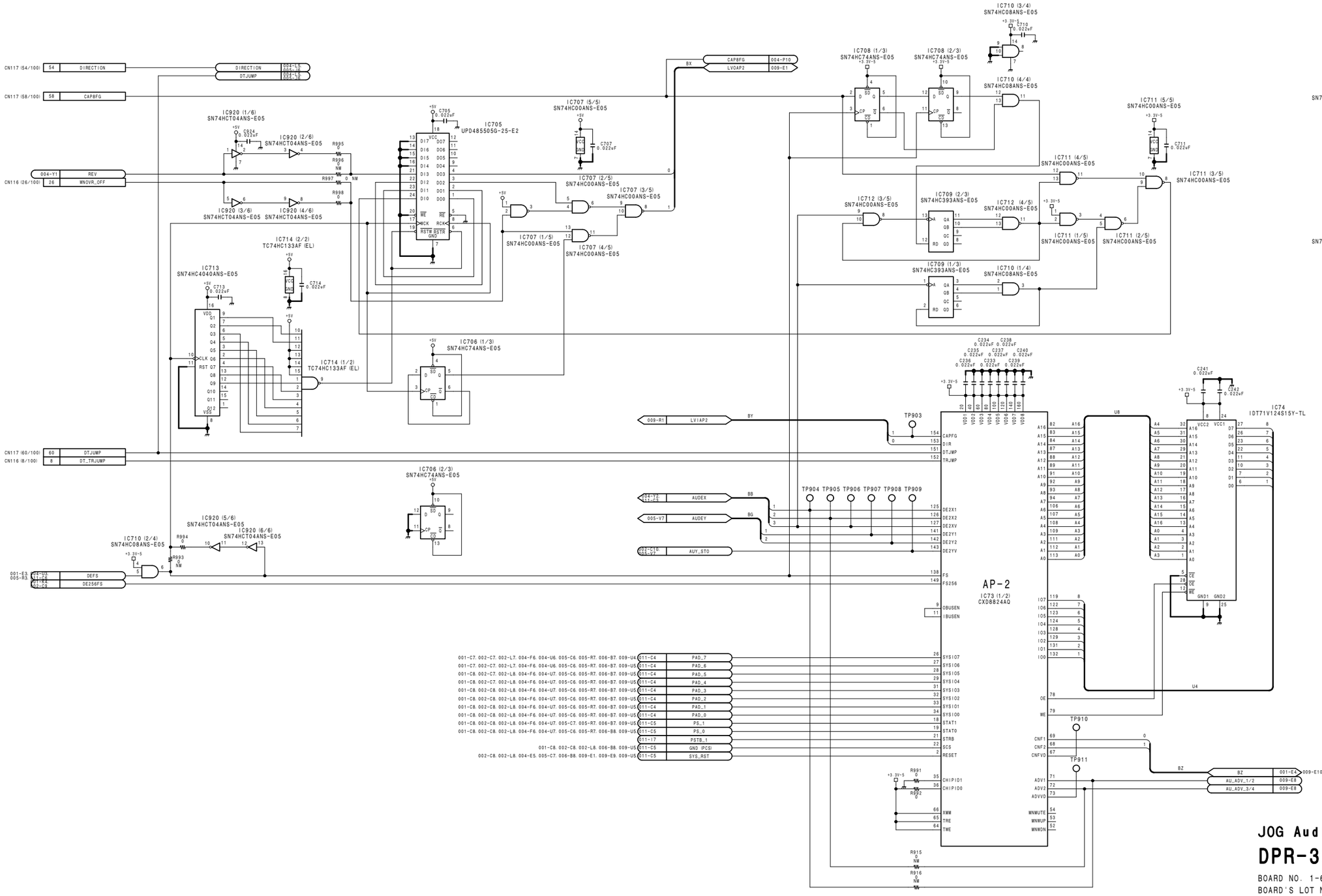
DPR-36 (9/11)



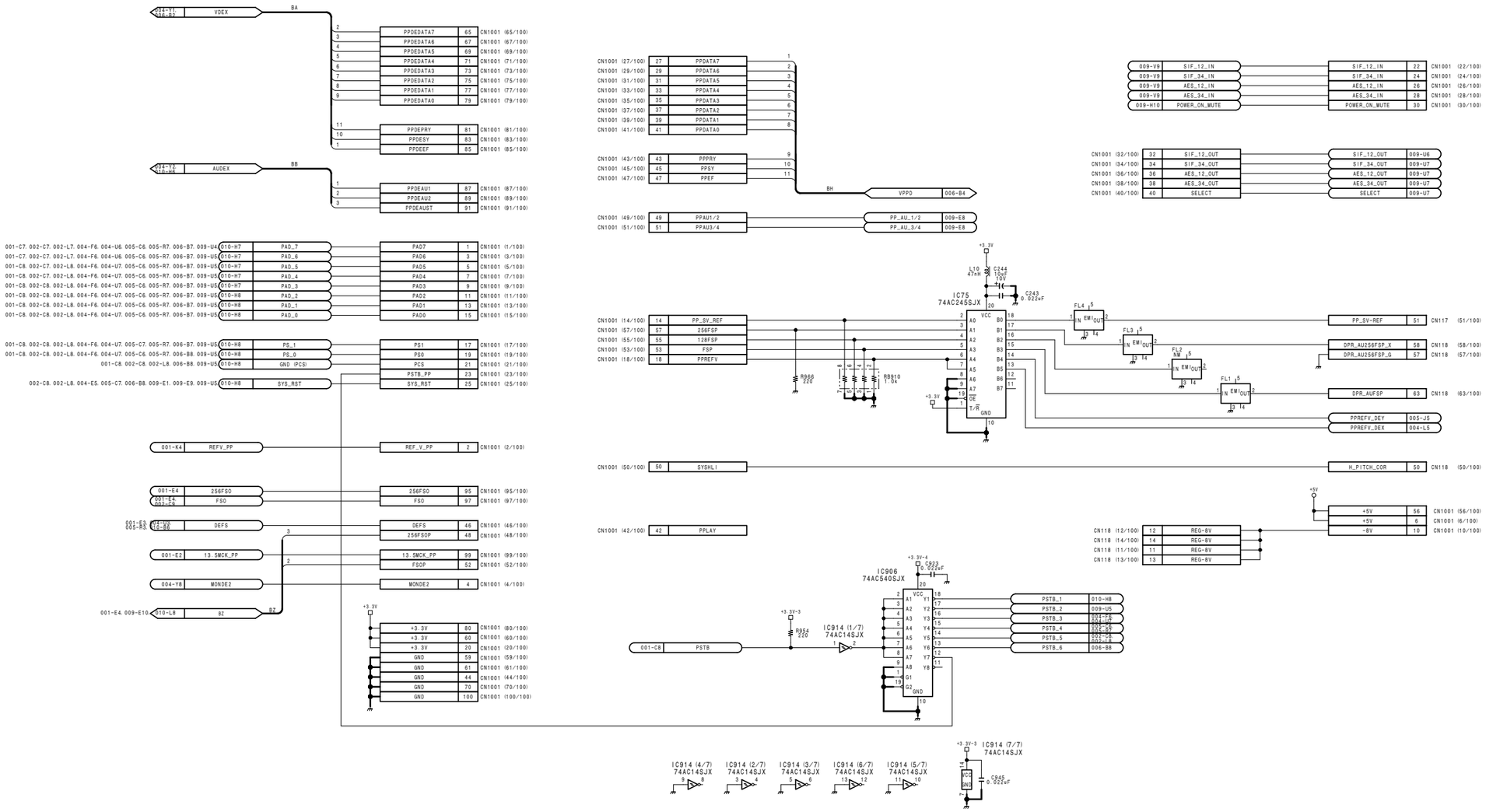
Audio Data Processor

DPR-36 BOARD (9/11)

BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_9


CN117 (54/100) 54 DIRECTION
DIRECTION 004-L5 005-J6 DTJUMP 004-L6 005-J8
CN117 (58/100) 58 CAP8FG
004-Y1 REV
CN116 (26/100) 26 WNOVR_OFF
CN117 (60/100) 60 DTJUMP
CN116 (8/100) 8 DT_TRJUMP
001-E3 004-U3, 011-E6, 011-F4, 011-C6 DEFS
005-R3 DE256FS
IC920 (1/6) SN74HCT04ANS-E05
IC920 (2/6) SN74HCT04ANS-E05
IC920 (3/6) SN74HCT04ANS-E05
IC920 (4/6) SN74HCT04ANS-E05
IC920 (5/6) SN74HCT04ANS-E05
IC920 (6/6) SN74HCT04ANS-E05
IC710 (2/4) SN74HC08ANS-E05
IC705 UPD48550SG-25-E2
IC713 SN74HC4040ANS-E05
IC714 (2/2) TC74HC133AF (EL)
IC714 (1/2) TC74HC133AF (EL)
IC706 (1/3) SN74HC74ANS-E05
IC706 (2/3) SN74HC74ANS-E05
IC707 (5/5) SN74HC00ANS-E05
IC707 (2/5) SN74HC00ANS-E05
IC707 (3/5) SN74HC00ANS-E05
IC707 (1/5) SN74HC00ANS-E05
IC707 (4/5) SN74HC00ANS-E05
IC708 (1/3) SN74HC74ANS-E05
IC708 (2/3) SN74HC74ANS-E05
IC710 (3/4) SN74HC08ANS-E05
IC710 (4/4) SN74HC08ANS-E05
IC711 (5/5) SN74HC00ANS-E05
IC711 (4/5) SN74HC00ANS-E05
IC711 (3/5) SN74HC00ANS-E05
IC712 (3/5) SN74HC00ANS-E05
IC709 (2/3) SN74HC393ANS-E05
IC712 (4/5) SN74HC00ANS-E05
IC711 (1/5) SN74HC00ANS-E05
IC711 (2/5) SN74HC00ANS-E05
IC709 (1/3) SN74HC393ANS-E05
IC710 (1/4) SN74HC08ANS-E05
IC712 (5/5) SN74HC00ANS-E05
IC712 (1/5) SN74HC00ANS-E05
IC712 (2/5) SN74HC00ANS-E05
IC706 (3/3) SN74HC74ANS-E05
IC708 (3/3) SN74HC74ANS-E05
IC709 (3/3) SN74HC393ANS-E05
BX CAP8FG 004-P10 LVOAP2 009-E1
009-R1 LVIAP2 BY
TP903
TP904 TP905 TP906 TP907 TP908 TP909
TP910
TP911
004-Y2, 011-C5 AUDEX BB
005-V7 AUDEY BG
002-C10, 005-V2 AUV_STO
CAPFG DIR DTJUMP TRJMP
DE2X1 DE2X2 DE2XV DE2Y1 DE2Y2 DE2YV FS FS256 OBUSEN IBUSEN
CHIPID1 CHIPID0 XWM TRE TWE
CNF1 CNF2 CNFVD ADV1 ADV2 ADVVD MNMUTE MNWUP MNWDN
OE WE
U8 U4
IC74 IDT71V124S15Y-TL
IC73 (1/2) CXD8824AQ
IC73 (2/2) CXD8824AQ
AP-2
BZ 001-E2 009-E10, 011-C7
AU_ADV_1/2 009-E8
AU_ADV_3/4 009-E8
001-C7, 002-C7, 002-L7, 004-F6, 004-U6, 005-C6, 005-R7, 006-B7, 009-U4 011-C4 PAD_7
001-C7, 002-C7, 002-L7, 004-F6, 004-U6, 005-C6, 005-R7, 006-B7, 009-U5 011-C4 PAD_6
001-C8, 002-C7, 002-L8, 004-F6, 004-U7, 005-C6, 005-R7, 006-B7, 009-U4 011-C4 PAD_5
001-C8, 002-C7, 002-L8, 004-F6, 004-U7, 005-C6, 005-R7, 006-B7, 009-U5 011-C4 PAD_4
001-C8, 002-C8, 002-L8, 004-F6, 004-U7, 005-C6, 005-R7, 006-B7, 009-U4 011-C4 PAD_3
001-C8, 002-C8, 002-L8, 004-F6, 004-U7, 005-C6, 005-R7, 006-B7, 009-U5 011-C4 PAD_2
001-C8, 002-C8, 002-L8, 004-F6, 004-U7, 005-C6, 005-R7, 006-B7, 009-U4 011-C4 PAD_1
001-C8, 002-C8, 002-L8, 004-F6, 004-U7, 005-C6, 005-R7, 006-B7, 009-U5 011-C4 PAD_0
001-C8, 002-C8, 002-L8, 004-F6, 004-U7, 005-C7, 005-R7, 006-B7, 009-U5 011-C5 PS_1
001-C8, 002-C8, 002-L8, 004-F6, 004-U7, 005-C6, 005-R7, 006-B8, 009-U5 011-C5 PS_0
011-I7 PSTB_1
001-C8, 002-C8, 002-L8, 006-B8, 009-U5 011-C5 GND (PCS)
002-C8, 002-L8, 004-E5, 005-C7, 006-B8, 009-E1, 009-E9, 009-U5 011-C5 SYS_RST
JOG Audio Data Prosessor
DPR-36 BOARD (10/11)
BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_10

DPR-36 (11/11)

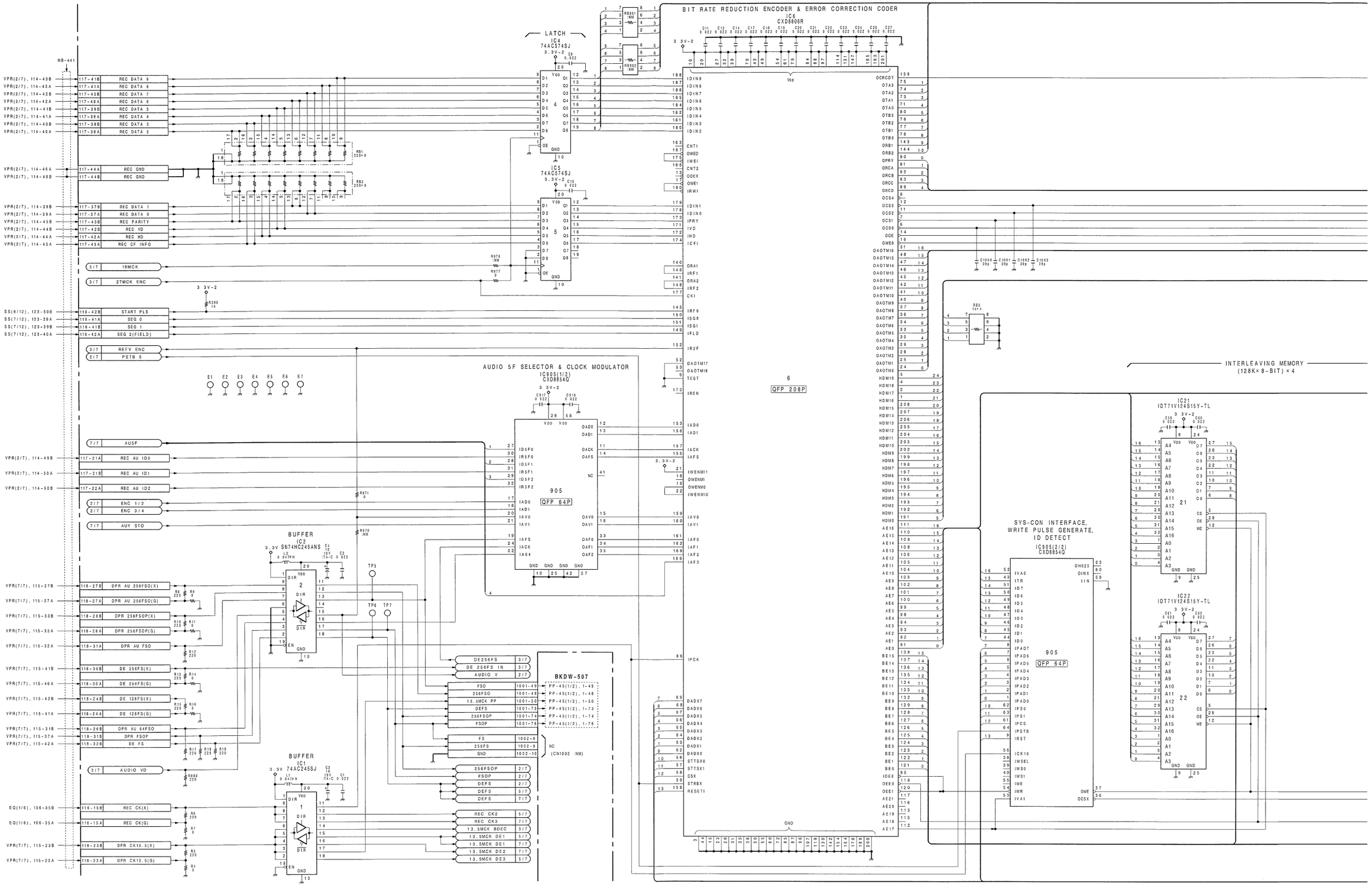


Program Play Board Interface

DPR-36 BOARD (11/11)

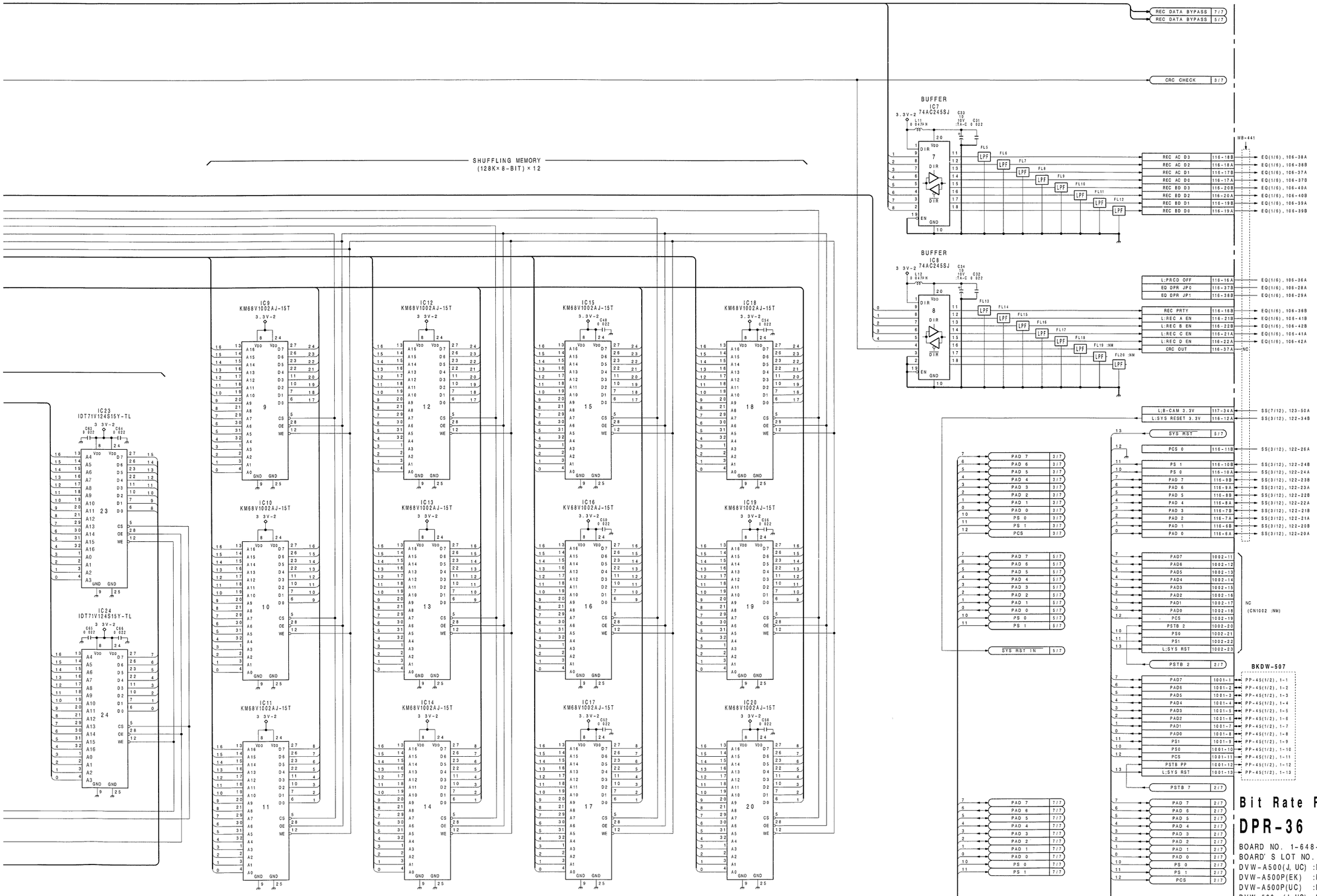
BOARD NO. 1-648-533-14
BOARD'S LOT NO. 812-
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36 MCB
DVW-A500P (UC) : DPR-36 MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36 MCB
DVW-500P (UC) : DPR-36 MCB
DVW-A500_DPR-36_001_11

DPR-36 (1/7)

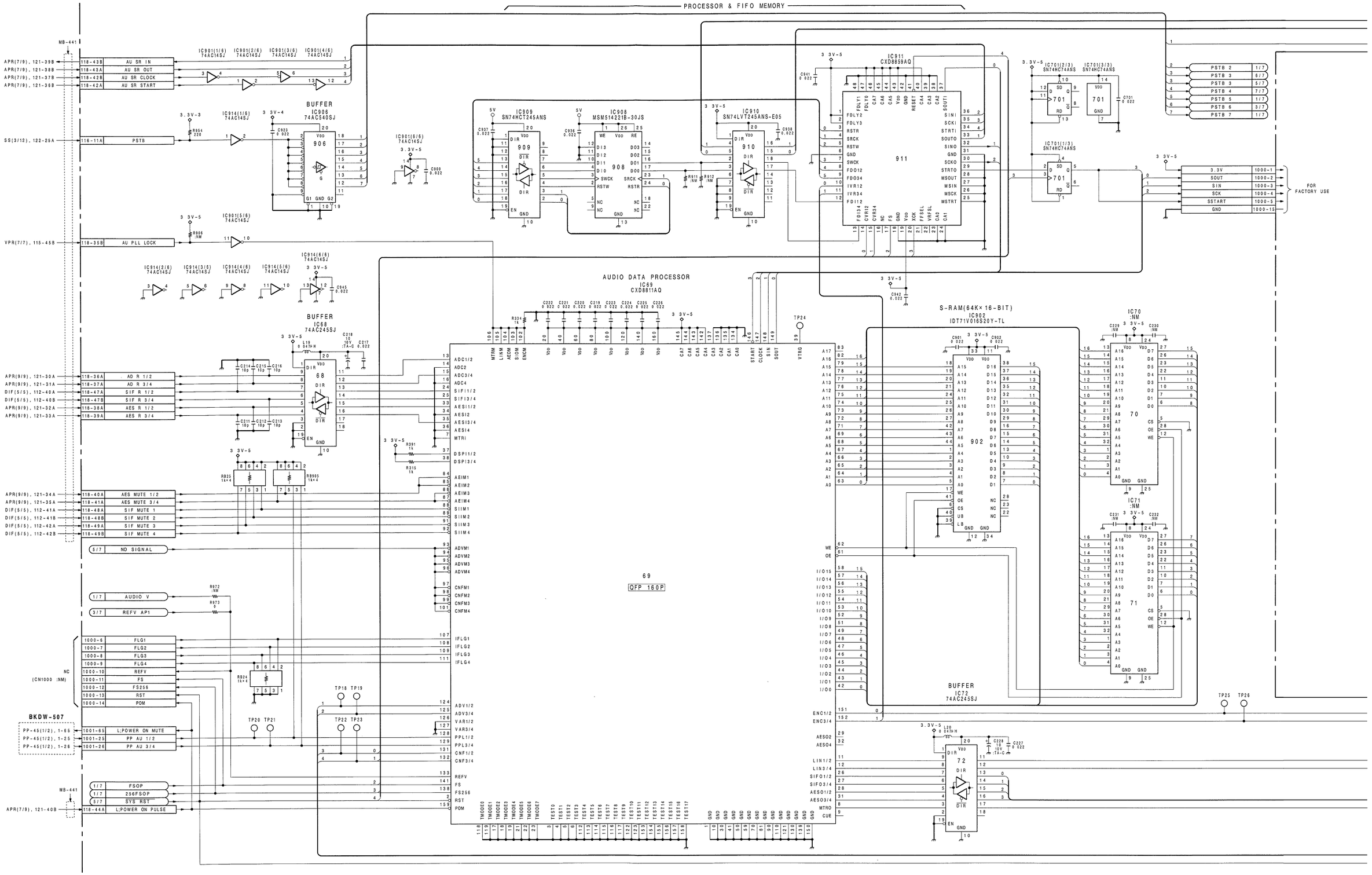


1-50 (c)

1-50 (c)


SHUFFLING MEMORY
(128K× 8-BIT) × 12
IC9 KM68V1002AJ-15T
IC12 KM68V1002AJ-15T
IC15 KM68V1002AJ-15T
IC18 KM68V1002AJ-15T
IC10 KM68V1002AJ-15T
IC13 KM68V1002AJ-15T
IC16 KV68V1002AJ-15T
IC19 KM68V1002AJ-15T
IC11 KM68V1002AJ-15T
IC14 KM68V1002AJ-15T
IC17 KM68V1002AJ-15T
IC20 KM68V1002AJ-15T
IC23 IDT71V124S15Y-TL
IC24 IDT71V124S15Y-TL
BUFFER IC7 74AC245SJ
BUFFER IC8 74AC245SJ
REC DATA BYPASS 7/7
REC DATA BYPASS 5/7
CRC CHECK 3/7
REC AC D3 116-18B
REC AC D2 116-18A
REC AC D1 116-17B
REC AC D0 116-17A
REC BD D3 116-20B
REC BD D2 116-20A
REC BD D1 116-19B
REC BD D0 116-19A
L:PRCD OFF 116-16A
EQ DPR JP0 116-37B
EQ DPR JP1 116-36B
REC PRTY 116-16B
L:REC A EN 116-21B
L:REC B EN 116-22B
L:REC C EN 116-21A
L:REC D EN 116-22A
CRC OUT 116-37A
L:B-CAM 3.3V 117-34A
L:SYS RESET 3.3V 116-12A
SYS RST 5/7
PCS 0 116-11B
PS 1 116-10B
PS 0 116-10A
PAD 7 116-9B
PAD 6 116-9A
PAD 5 116-8B
PAD 4 116-8A
PAD 3 116-7B
PAD 2 116-7A
PAD 1 116-6B
PAD 0 116-6A
PAD 7 3/7
PAD 6 3/7
PAD 5 3/7
PAD 4 3/7
PAD 3 3/7
PAD 2 3/7
PAD 1 3/7
PAD 0 3/7
PS 0 3/7
PS 1 3/7
PCS 3/7
PAD 7 5/7
PAD 6 5/7
PAD 5 5/7
PAD 4 5/7
PAD 3 5/7
PAD 2 5/7
PAD 1 5/7
PAD 0 5/7
PS 0 5/7
PS 1 5/7
SYS RST IN 5/7
PAD 7 7/7
PAD 6 7/7
PAD 5 7/7
PAD 4 7/7
PAD 3 7/7
PAD 2 7/7
PAD 1 7/7
PAD 0 7/7
PS 0 7/7
PS 1 7/7
PAD7 1002-11
PAD6 1002-12
PAD5 1002-13
PAD4 1002-14
PAD3 1002-15
PAD2 1002-16
PAD1 1002-17
PAD0 1002-18
PCS 1002-19
PSTB 2 1002-20
PS0 1002-21
PS1 1002-22
L:SYS RST 1002-23
NC
(CN1002 :NM)
PSTB 2 2/7
PAD7 1001-1
PAD6 1001-2
PAD5 1001-3
PAD4 1001-4
PAD3 1001-5
PAD2 1001-6
PAD1 1001-7
PAD0 1001-8
PS1 1001-9
PS0 1001-10
PCS 1001-11
PSTB PP 1001-12
L:SYS RST 1001-13
PSTB 7 2/7
PAD 7 2/7
PAD 6 2/7
PAD 5 2/7
PAD 4 2/7
PAD 3 2/7
PAD 2 2/7
PAD 1 2/7
PAD 0 2/7
PS 0 2/7
PS 1 2/7
PCS 2/7
MB-441
BKDW-507
EQ(1/6), 106-38A
EQ(1/6), 106-38B
EQ(1/6), 106-37A
EQ(1/6), 106-37B
EQ(1/6), 106-40A
EQ(1/6), 106-40B
EQ(1/6), 106-39A
EQ(1/6), 106-39B
EQ(1/6), 106-36A
EQ(1/6), 106-28A
EQ(1/6), 106-29A
EQ(1/6), 106-36B
EQ(1/6), 106-41B
EQ(1/6), 106-42B
EQ(1/6), 106-41A
EQ(1/6), 106-42A
SS(7/12), 123-50A
SS(3/12), 122-34B
SS(3/12), 122-26A
SS(3/12), 122-24B
SS(3/12), 122-24A
SS(3/12), 122-23B
SS(3/12), 122-23A
SS(3/12), 122-22B
SS(3/12), 122-22A
SS(3/12), 122-21B
SS(3/12), 122-21A
SS(3/12), 122-20B
SS(3/12), 122-20A
PP-45(1/2), 1-1
PP-45(1/2), 1-2
PP-45(1/2), 1-3
PP-45(1/2), 1-4
PP-45(1/2), 1-5
PP-45(1/2), 1-6
PP-45(1/2), 1-7
PP-45(1/2), 1-8
PP-45(1/2), 1-9
PP-45(1/2), 1-10
PP-45(1/2), 1-11
PP-45(1/2), 1-12
PP-45(1/2), 1-13
Bit Rate Reduction Encoder
DPR-36 BOARD (1/7)
BOARD NO. 1-648-533-13
BOARD' S LOT NO. 409-811
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB
DVW-SPR36-ALL-REC-S/M-02-C

DPR-36 (2/7)



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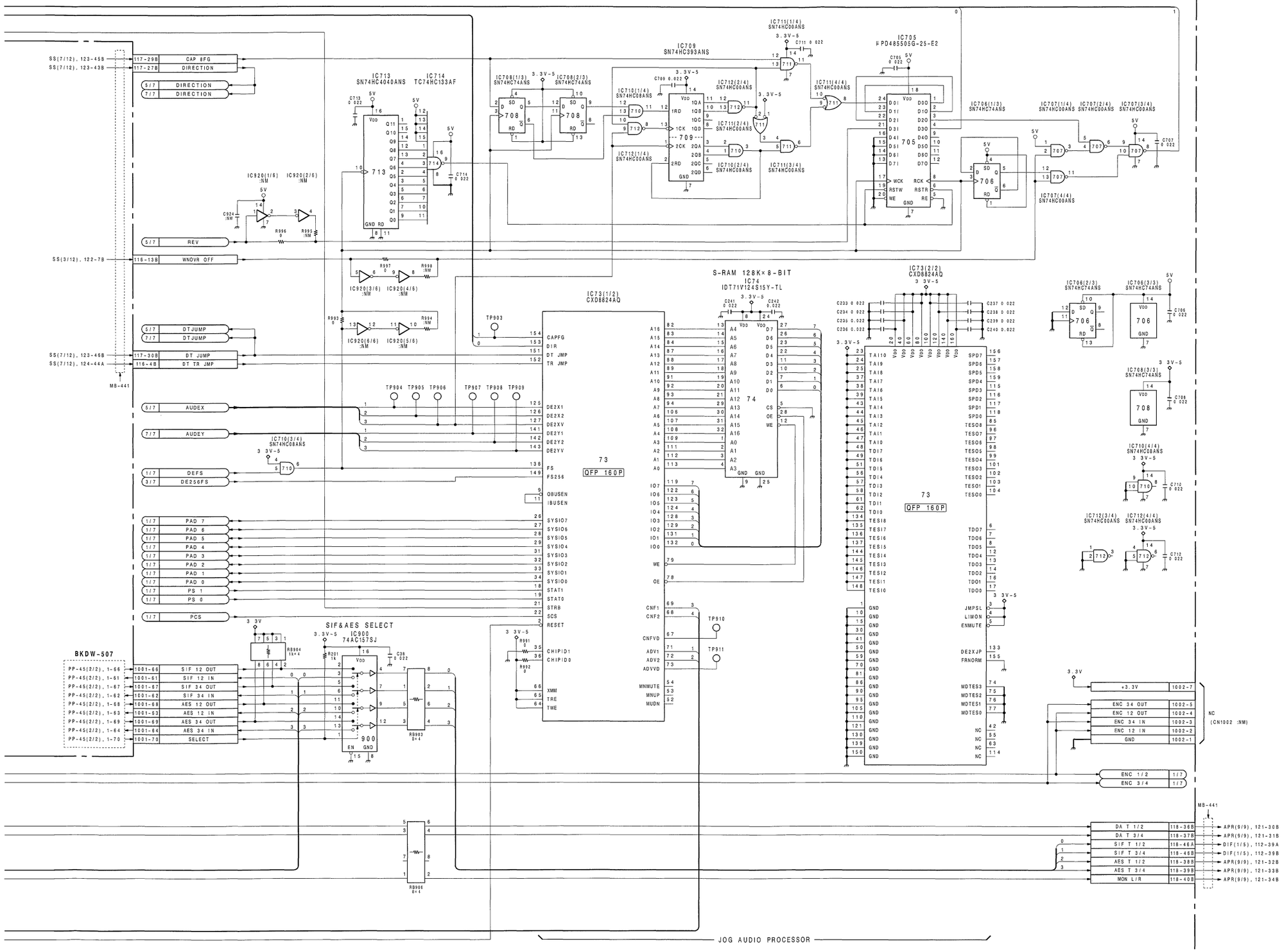


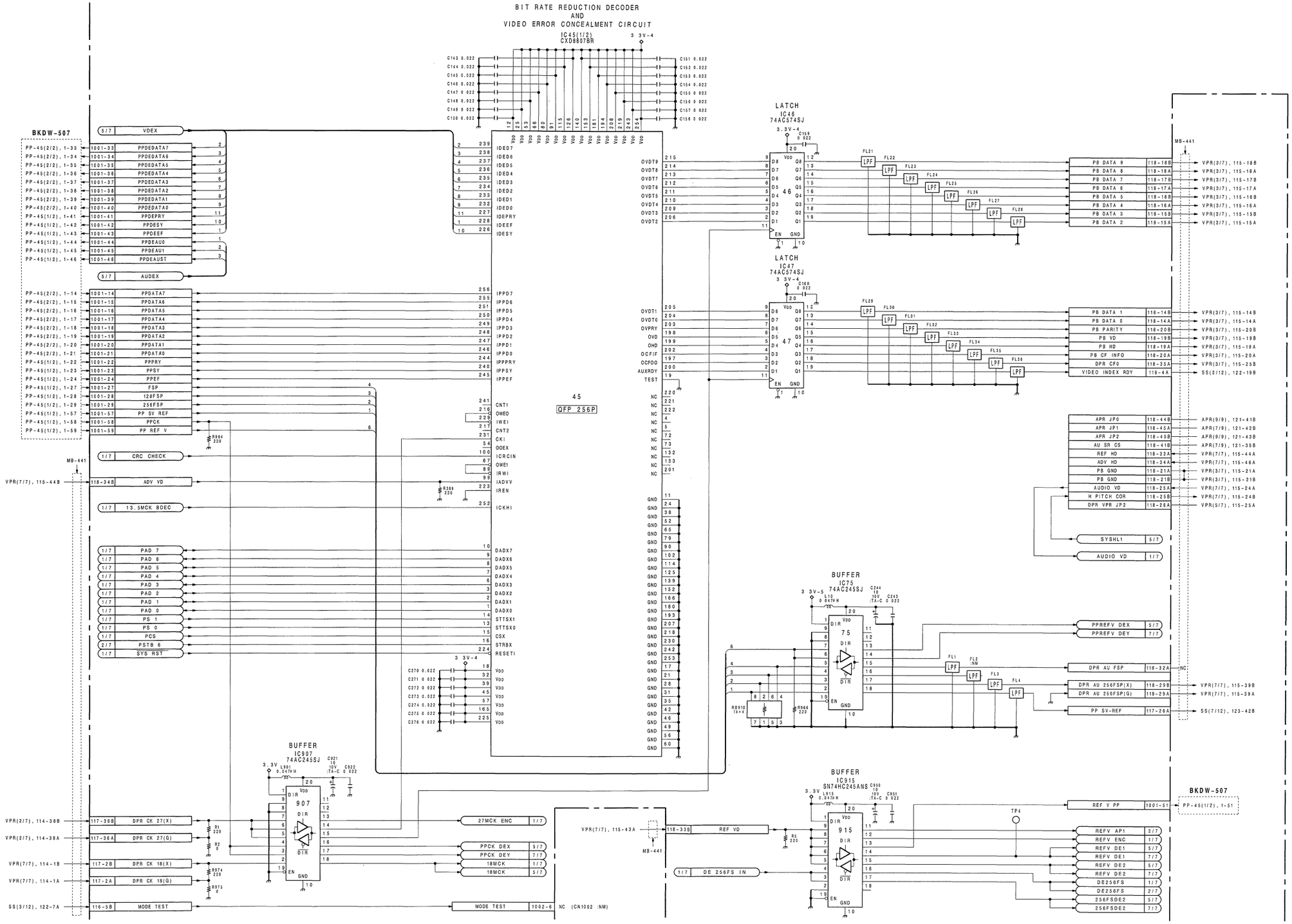
Audio Data Processor, Jog Audio Data Processor

DPR-36 BOARD (2/7)

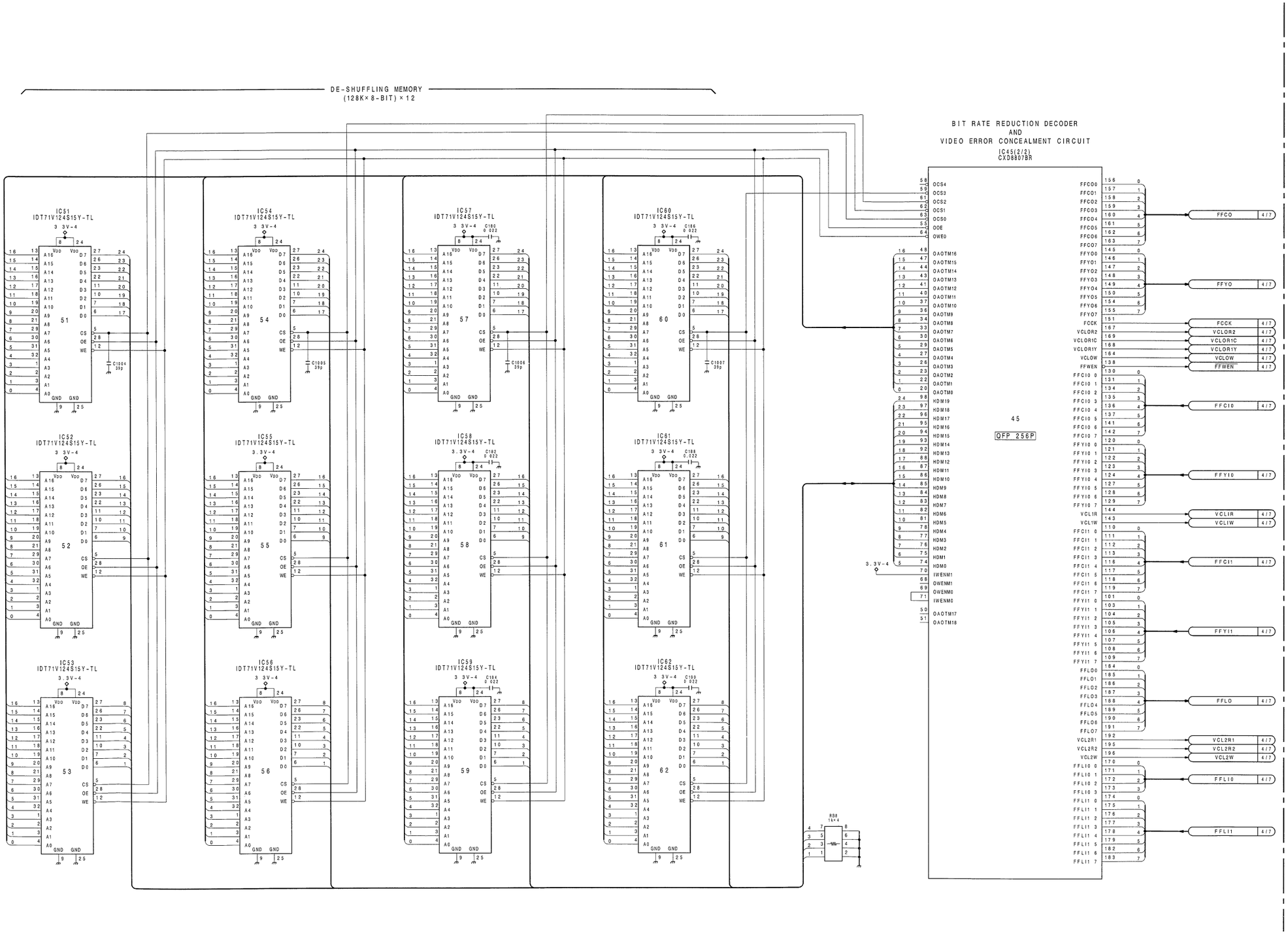
BOARD NO. 1-648-533-13
BOARD' S LOT NO. 409-811
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

DVW-DPR36-ALL-REC-S/M-02-C

DPR-36 (3/7)



1-54 (c)



BIT Rate Reduction Decoder, Concealment Circuit

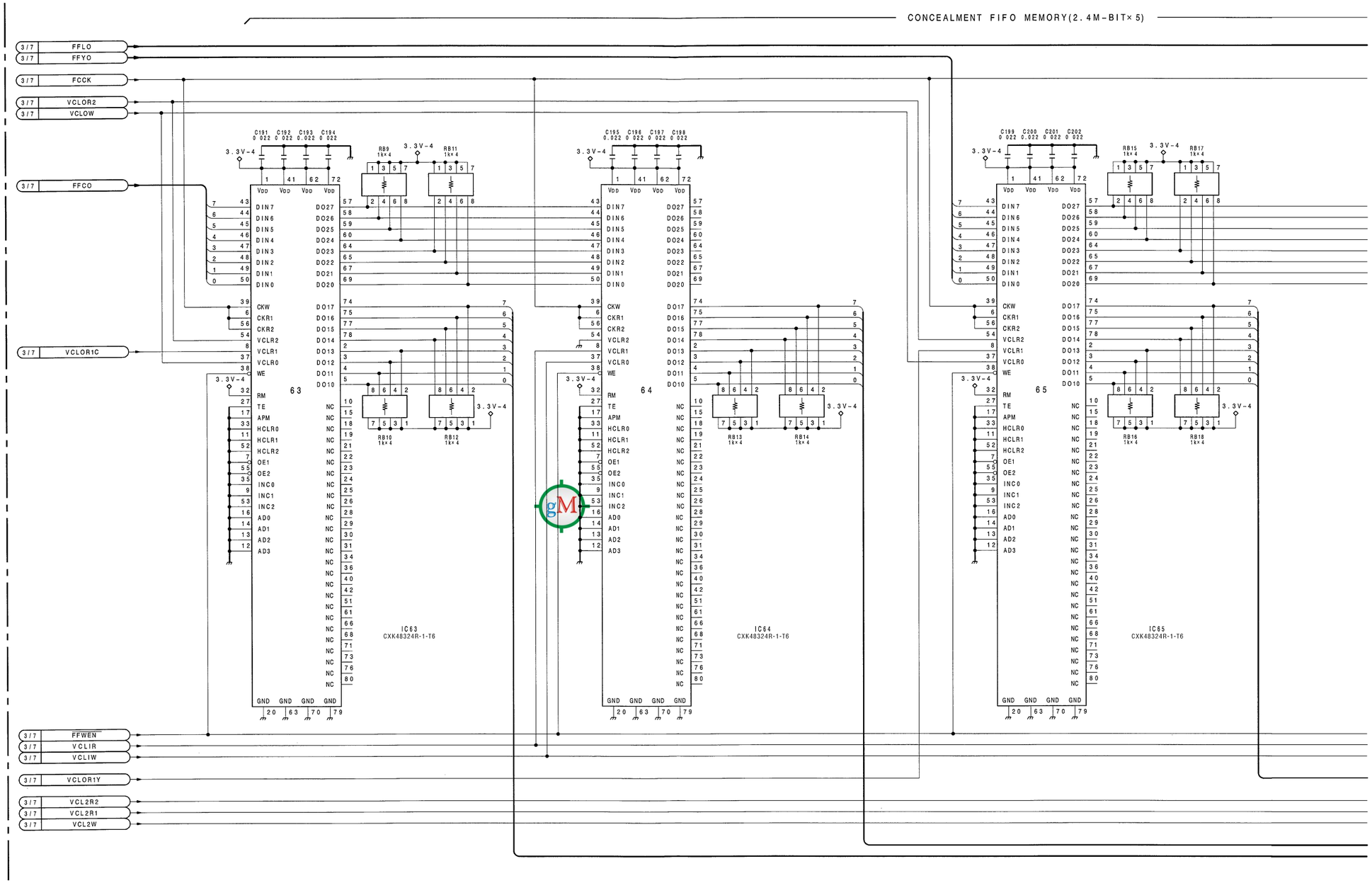
DPR-36 BOARD (3/7)

BOARD NO. 1-648-533-13
BOARD' S LOT NO. 409-811
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

DVW-DPR36-ALL-REC-S/M-02-C

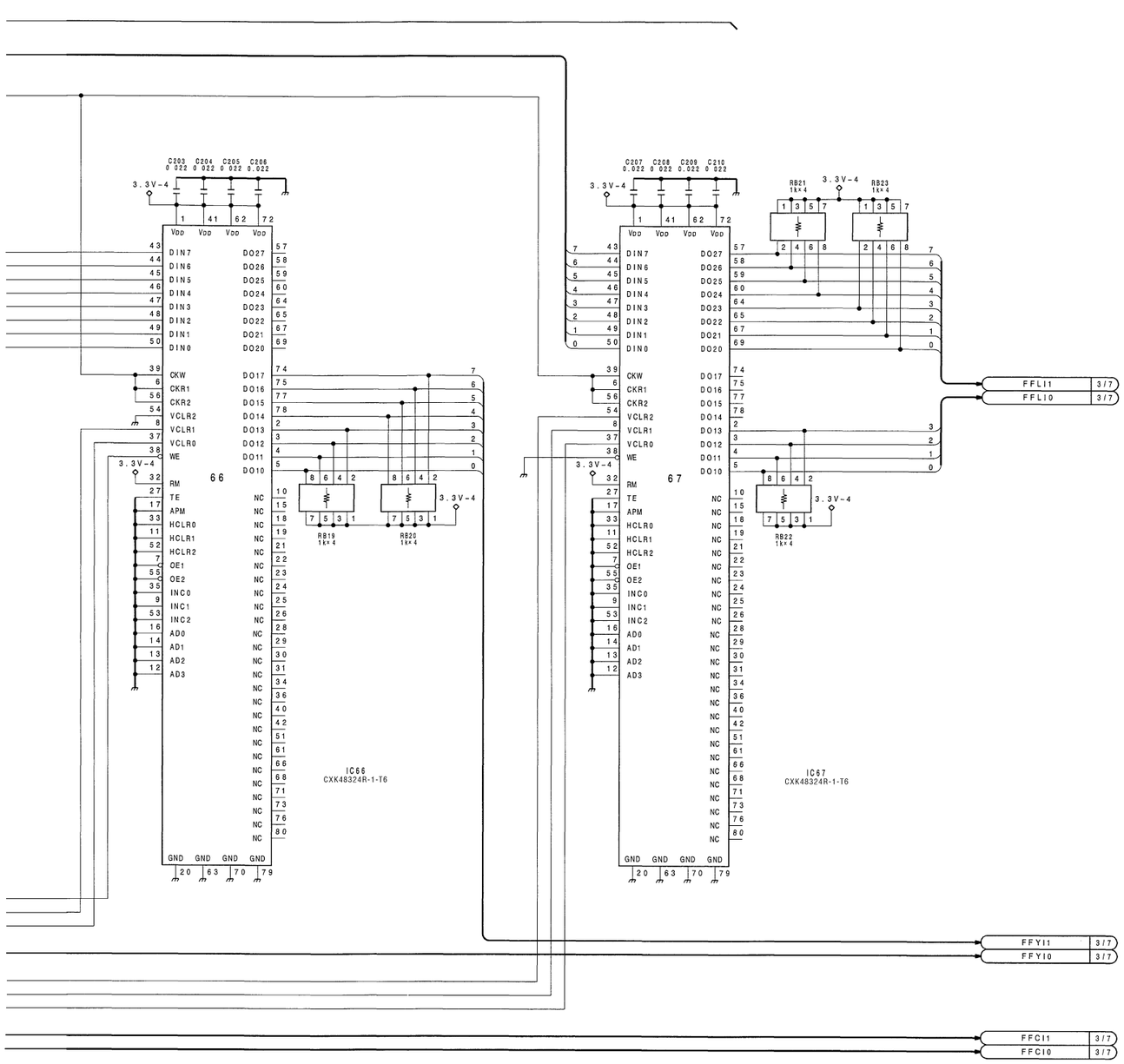
DPR-36 (4/7)

CONCEALMENT FIFO MEMORY(2.4M-BIT× 5)



1-56 (c)

DPR-36 (4/7)



Concealment FIFO Memory

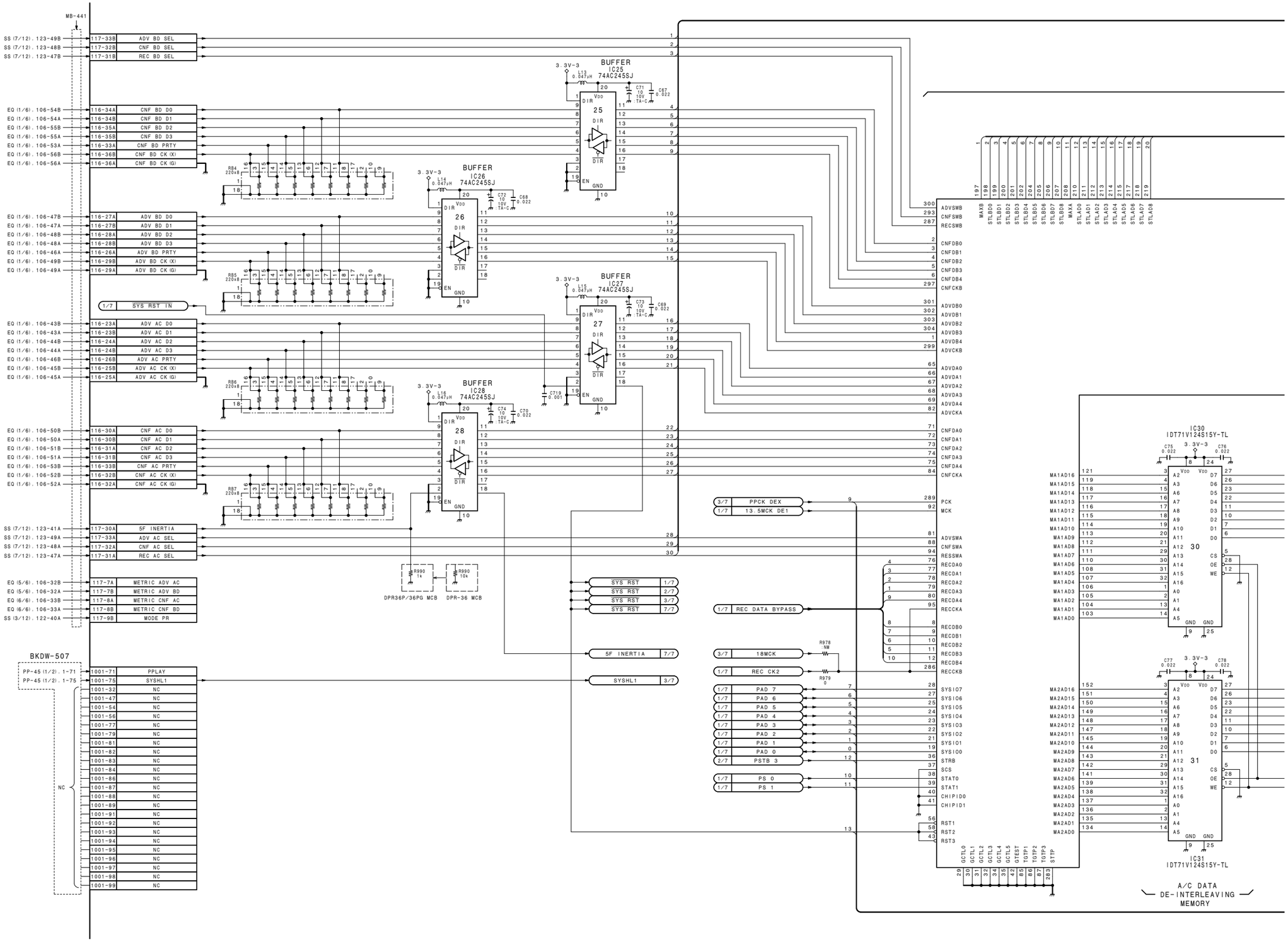
DPR-36 BOARD (4/7)

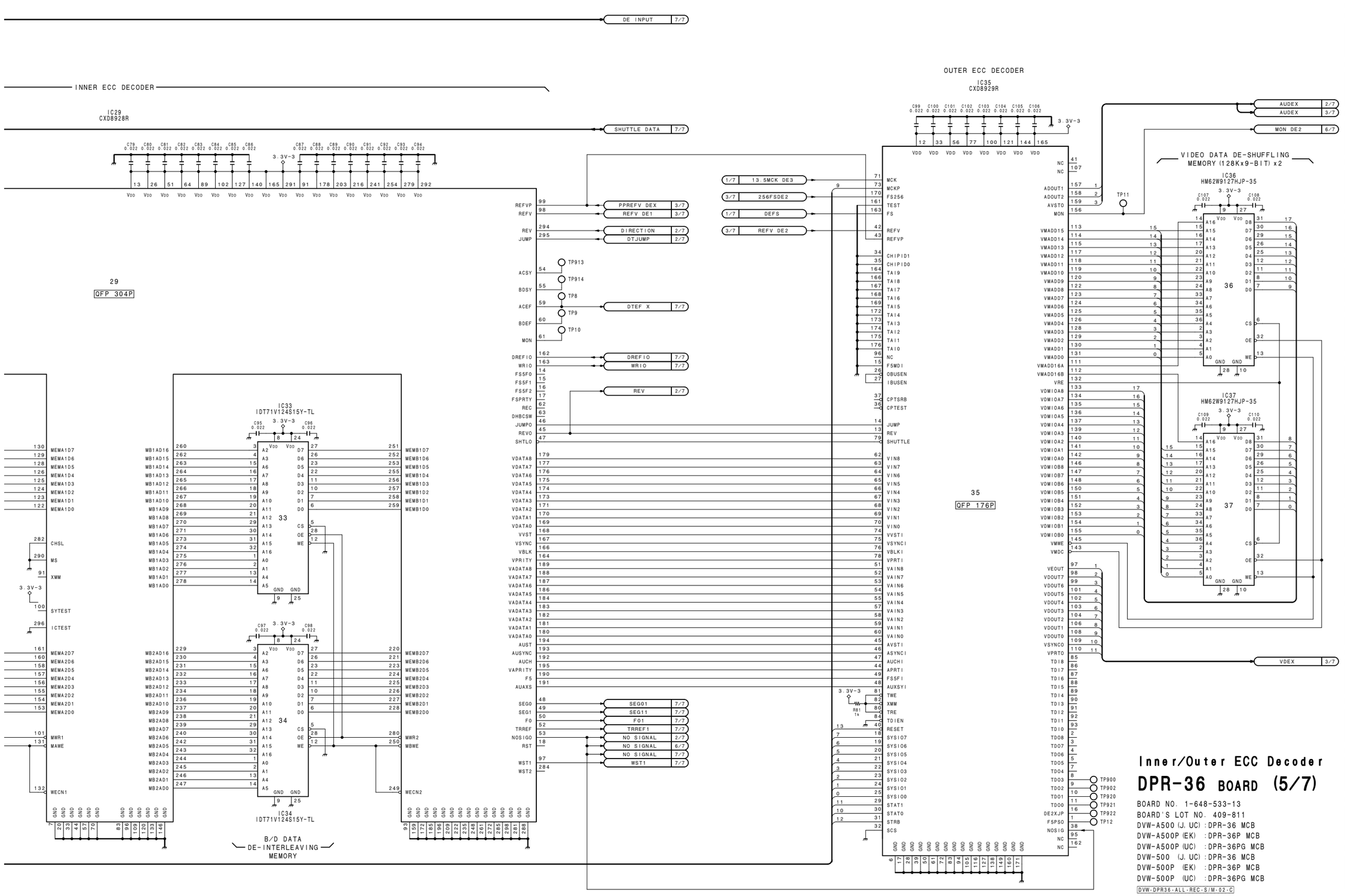
BOARD NO. 1-648-533-13
BOARD' S LOT NO. 409-811
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

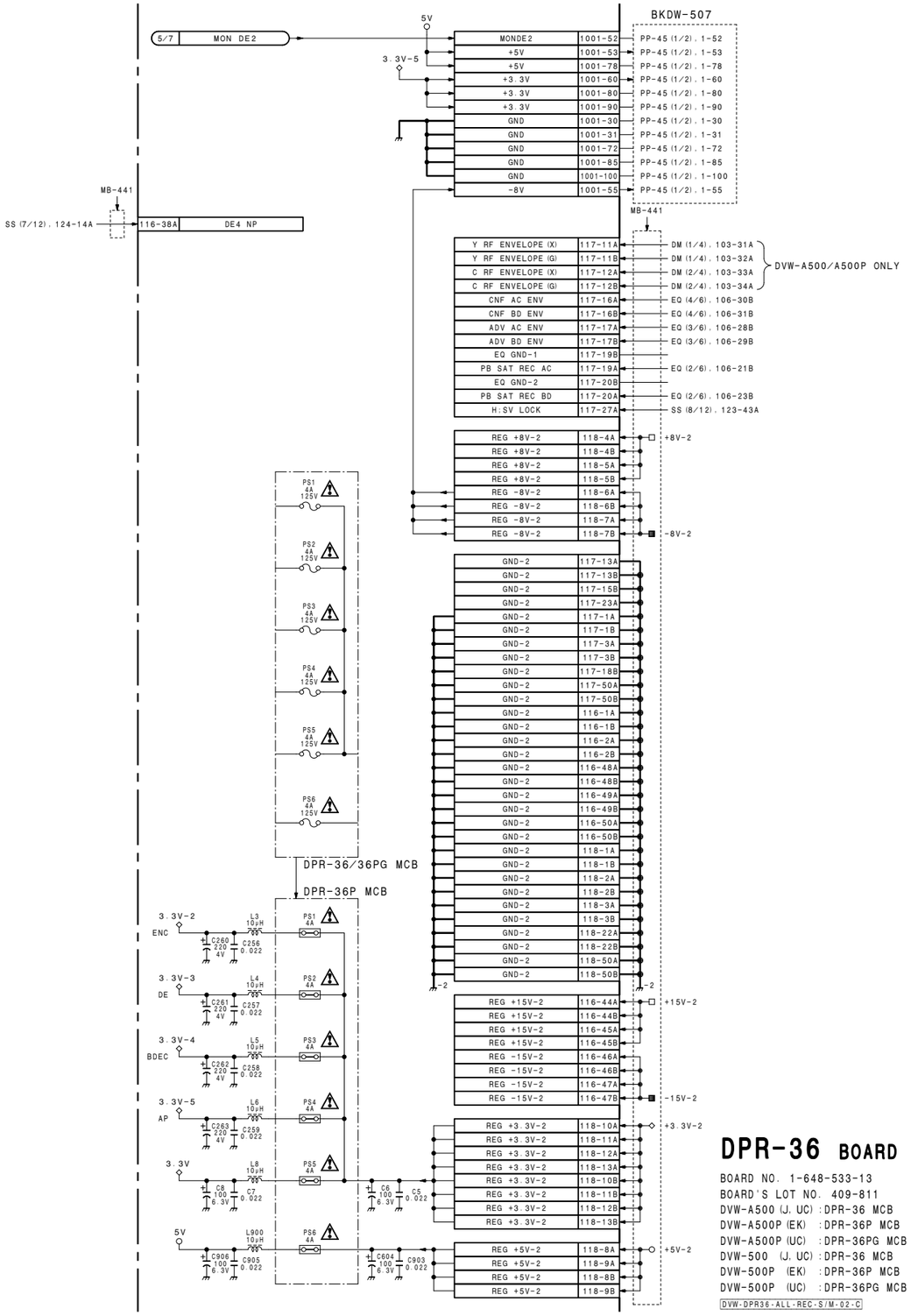
DVW-DPR36-ALL-REC-S/M-02-C

1-57 (c)

DPR-36 (5/7)


MB-441
117-33B ADV BD SEL
117-32B CNF BD SEL
117-31B REC BD SEL
116-34A CNF BD D0
116-34B CNF BD D1
116-35A CNF BD D2
116-35B CNF BD D3
116-33A CNF BD PRTY
116-36B CNF BD CK (X)
116-36A CNF BD CK (G)
116-27A ADV BD D0
116-27B ADV BD D1
116-28A ADV BD D2
116-28B ADV BD D3
116-26A ADV BD PRTY
116-29B ADV BD CK (X)
116-29A ADV BD CK (G)
1/7 SYS RST IN
116-23A ADV AC D0
116-23B ADV AC D1
116-24A ADV AC D2
116-24B ADV AC D3
116-26B ADV AC PRTY
116-25B ADV AC CK (X)
116-25A ADV AC CK (G)
116-30A CNF AC D0
116-30B CNF AC D1
116-31A CNF AC D2
116-31B CNF AC D3
116-33B CNF AC PRTY
116-32B CNF AC CK (X)
116-32A CNF AC CK (G)
117-30A 5F INERTIA
117-33A ADV AC SEL
117-32A CNF AC SEL
117-31A REC AC SEL
117-7A METRIC ADV AC
117-7B METRIC ADV BD
117-8A METRIC CNF AC
117-8B METRIC CNF BD
117-9B MODE PR
BUFFER IC25 74AC245SJ
BUFFER IC26 74AC245SJ
BUFFER IC27 74AC245SJ
BUFFER IC28 74AC245SJ
DPR36P/36PG MCB
DPR-36 MCB
BKDW-507
1001-71 PPLAY
1001-75 SYSHL1
SYS RST 1/7
SYS RST 2/7
SYS RST 3/7
SYS RST 7/7
5F INERTIA 7/7
SYSHL1 3/7
3/7 PPCK DEX
1/7 13.5MCK DE1
1/7 REC DATA BYPASS
3/7 18MCK
1/7 REC CK2
1/7 PAD 7
1/7 PAD 6
1/7 PAD 5
1/7 PAD 4
1/7 PAD 3
1/7 PAD 2
1/7 PAD 1
1/7 PAD 0
2/7 PSTB 3
1/7 PS 0
1/7 PS 1
ADVSWB
CNFSWB
RECSWB
CNFDB0
CNFDB1
CNFDB2
CNFDB3
CNFDB4
CNFCKB
ADVDB0
ADVDB1
ADVDB2
ADVDB3
ADVDB4
ADVCKB
ADVDA0
ADVDA1
ADVDA2
ADVDA3
ADVDA4
ADVCKA
CNFDA0
CNFDA1
CNFDA2
CNFDA3
CNFDA4
CNFCKA
PCK
MCK
ADVSWA
CNFSWA
RESSWA
RECDA0
RECDA1
RECDA2
RECDA3
RECDA4
RECCKA
RECDB0
RECDB1
RECDB2
RECDB3
RECDB4
RECCKB
SYSIO7
SYSIO6
SYSIO5
SYSIO4
SYSIO3
SYSIO2
SYSIO1
SYSIO0
STRB
SCS
STAT0
STAT1
CHIPID0
CHIPID1
RST1
RST2
RST3
GCTL0
GCTL1
GCTL2
GCTL3
GCTL4
GCTL5
GTEST
TGTP1
TGTP2
TGTP3
STTP
MAXB
STLB00
STLB01
STLB02
STLB03
STLB04
STLB05
STLB06
STLB07
STLB08
MAXA
STLA00
STLA01
STLA02
STLA03
STLA04
STLA05
STLA06
STLA07
STLA08
IC30
IDT71V124S15Y-TL
IC31
IDT71V124S15Y-TL
A/C DATA
DE-INTERLEAVING
MEMORY


DE INPUT 7/7
INNER ECC DECODER
IC29
CXD8928R
SHUTTLE DATA 7/7
3.3V-3
29
QFP 304P
REFVP
REFV
REV
JUMP
ACSY
BDSY
ACEF
BDEF
MON
PPREFV DEX 3/7
REFV DE1 3/7
DIRECTION 2/7
DTJUMP 2/7
TP913
TP914
TP8
TP9
TP10
DTEF X 7/7
DREFIO 7/7
WRIO 7/7
REV 2/7
FSS5F0
FSS5F1
FSS5F2
FSPRTY
REC
DHBCSW
JUMPO
REVO
SHTLO
VDATA8
VDATA7
VDATA6
VDATA5
VDATA4
VDATA3
VDATA2
VDATA1
VDATA0
VVST
VSYNC
VBLK
VPRITY
VADATA8
VADATA7
VADATA6
VADATA5
VADATA4
VADATA3
VADATA2
VADATA1
VADATA0
AUST
AUSYNC
AUCH
VAPRITY
F5
AUXSI
SEG0
SEG1
F0
TRREF
NOSIGO
RST
WST1
WST2
SEG01 7/7
SEG11 7/7
F01 7/7
TRREF1 7/7
NO SIGNAL 2/7
NO SIGNAL 6/7
NO SIGNAL 7/7
WST1 7/7
IC33
IDT71V124S15Y-TL
IC34
IDT71V124S15Y-TL
B/D DATA
DE-INTERLEAVING
MEMORY
MEMA1D7
MEMA1D6
MEMA1D5
MEMA1D4
MEMA1D3
MEMA1D2
MEMA1D1
MEMA1D0
CHSL
MS
XMM
SYTEST
ICTEST
MEMA2D7
MEMA2D6
MEMA2D5
MEMA2D4
MEMA2D3
MEMA2D2
MEMA2D1
MEMA2D0
MWR1
MAWE
WECN1
MB1AD16
MB1AD15
MB1AD14
MB1AD13
MB1AD12
MB1AD11
MB1AD10
MB1AD9
MB1AD8
MB1AD7
MB1AD6
MB1AD5
MB1AD4
MB1AD3
MB1AD2
MB1AD1
MB1AD0
MB2AD16
MB2AD15
MB2AD14
MB2AD13
MB2AD12
MB2AD11
MB2AD10
MB2AD9
MB2AD8
MB2AD7
MB2AD6
MB2AD5
MB2AD4
MB2AD3
MB2AD2
MB2AD1
MB2AD0
MEMB1D7
MEMB1D6
MEMB1D5
MEMB1D4
MEMB1D3
MEMB1D2
MEMB1D1
MEMB1D0
MEMB2D7
MEMB2D6
MEMB2D5
MEMB2D4
MEMB2D3
MEMB2D2
MEMB2D1
MEMB2D0
MWR2
MBWE
WECN2
OUTER ECC DECODER
IC35
CXD8929R
35
QFP 176P
13.5MCK DE3 1/7
256FSDE2 3/7
DEFS 1/7
REFV DE2 3/7
MCK
MCKP
FS256
TEST
FS
REFV
REFVP
CHIPID1
CHIPID0
TAI9
TAI8
TAI7
TAI6
TAI5
TAI4
TAI3
TAI2
TAI1
TAI0
NC
F5MDI
OBUSEN
IBUSEN
CPTSRB
CPTEST
JUMP
REV
SHUTTLE
VIN8
VIN7
VIN6
VIN5
VIN4
VIN3
VIN2
VIN1
VIN0
VVSTI
VSYNCI
VBLKI
VPRTI
VAIN8
VAIN7
VAIN6
VAIN5
VAIN4
VAIN3
VAIN2
VAIN1
VAIN0
AVSTI
ASYNCI
AUCHI
APRTI
FS5FI
AUXSYI
TWE
XMM
TRE
TDIEN
RESET
SYSIO7
SYSIO6
SYSIO5
SYSIO4
SYSIO3
SYSIO2
SYSIO1
SYSIO0
STAT1
STAT0
STRB
SCS
R81
1k
ADOUT1
ADOUT2
AVST0
MON
VMADD15
VMADD14
VMADD13
VMADD12
VMADD11
VMADD10
VMADD9
VMADD8
VMADD7
VMADD6
VMADD5
VMADD4
VMADD3
VMADD2
VMADD1
VMADD0
VMADD16A
VMADD16B
VRE
VDMIOA8
VDMIOA7
VDMIOA6
VDMIOA5
VDMIOA4
VDMIOA3
VDMIOA2
VDMIOA1
VDMIOA0
VDMIOB8
VDMIOB7
VDMIOB6
VDMIOB5
VDMIOB4
VDMIOB3
VDMIOB2
VDMIOB1
VDMIOB0
VMWE
VMDC
VEOUT
VDOUT7
VDOUT6
VDOUT5
VDOUT4
VDOUT3
VDOUT2
VDOUT1
VDOUT0
VSYNCO
VPRTO
TDI8
TDI7
TDI6
TDI5
TDI4
TDI3
TDI2
TDI1
TDI0
TDO8
TDO7
TDO6
TDO5
TDO4
TDO3
TDO2
TDO1
TDO0
DE2XJP
F5PSO
NOSIG
TP11
TP900
TP902
TP920
TP921
TP922
TP12
AUDEX 2/7
AUDEX 3/7
MON DE2 6/7
VDEX 3/7
VIDEO DATA DE-SHUFFLING
MEMORY (128Kx9-BIT) x2
IC36
HM62W9127HJP-35
IC37
HM62W9127HJP-35
36
37
C99 C100 C101 C102 C103 C104 C105 C106 0.022
C107 C108 0.022
C109 C110 0.022
Inner/Outer ECC Decoder
DPR-36 BOARD (5/7)
BOARD NO. 1-648-533-13
BOARD'S LOT NO. 409-811
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36P MCB
DVW-A500P (UC) : DPR-36PG MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36P MCB
DVW-500P (UC) : DPR-36PG MCB
DVW-DPR36-ALL-REC-S/M-02-C

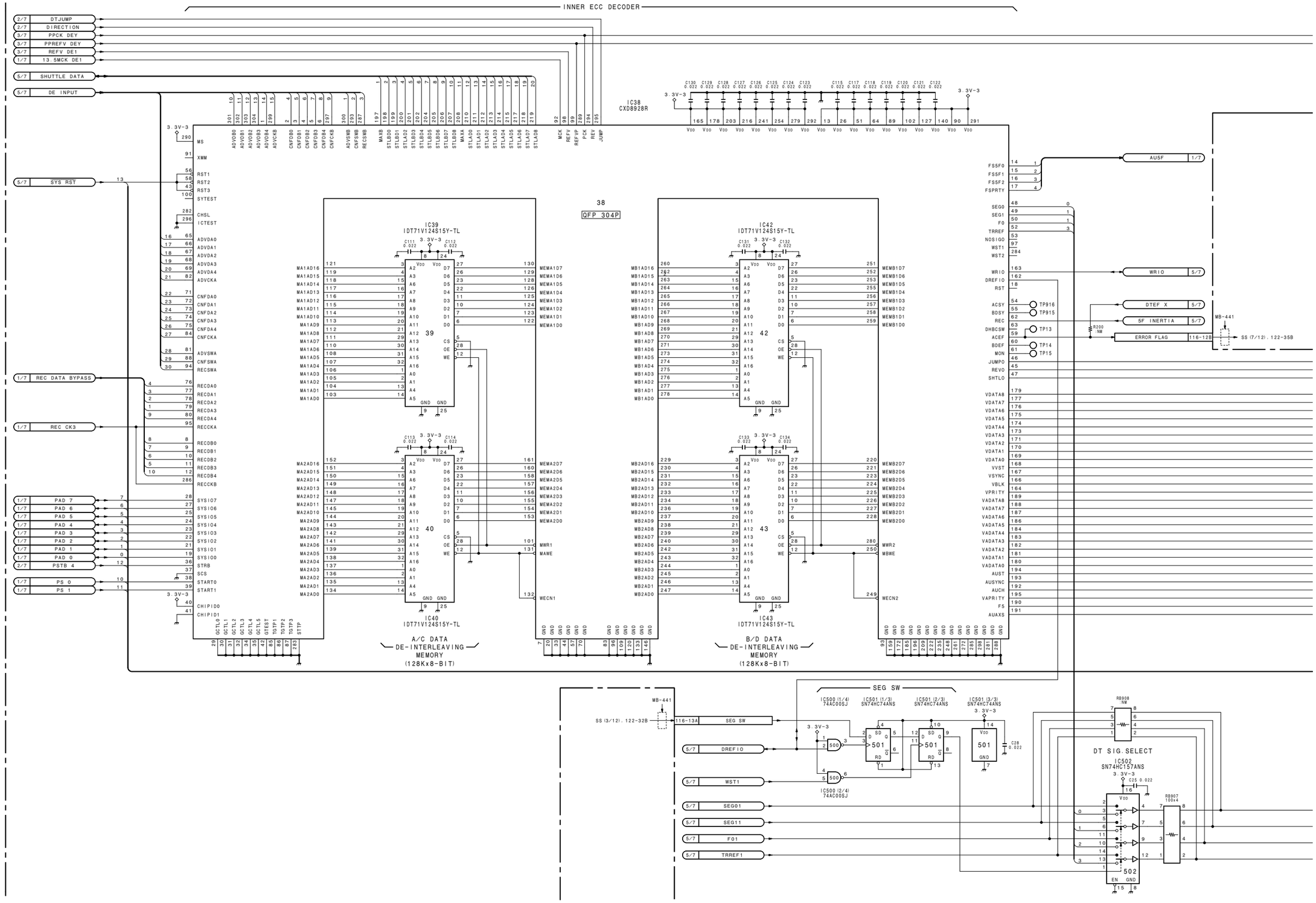


DPR-36 BOARD (6/7)

BOARD NO. 1-648-533-13
BOARD'S LOT NO. 409-811
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36P MCB
DVW-A500P (UC) : DPR-36PG MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36P MCB
DVW-500P (UC) : DPR-36PG MCB

DVW-DPR36-ALL-REC-S/M-02-C

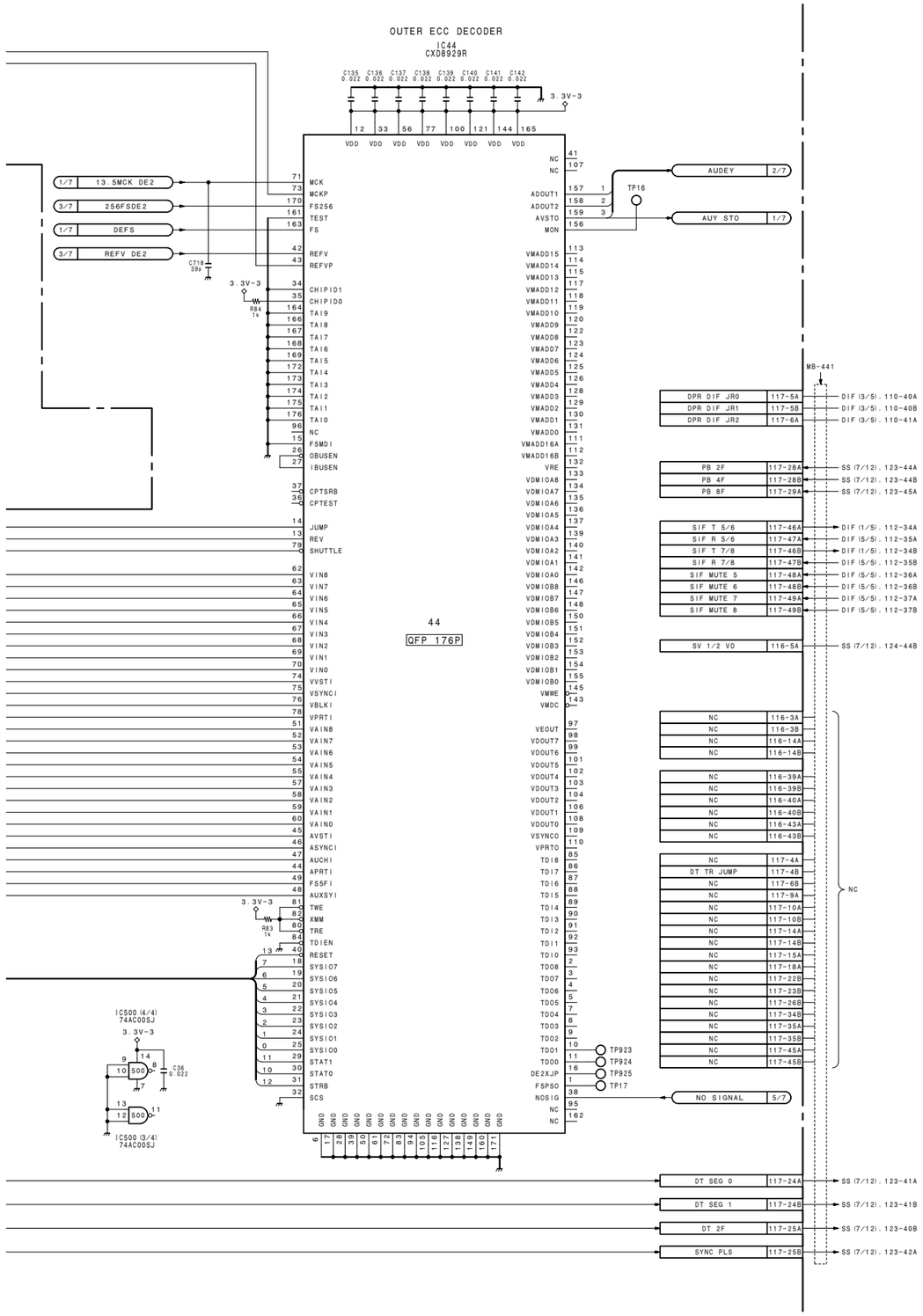
DPR-36 (7/7)



1-62 (c) 1-62 (c)

DVW-A500P/500P

DPR-36 (7/7)

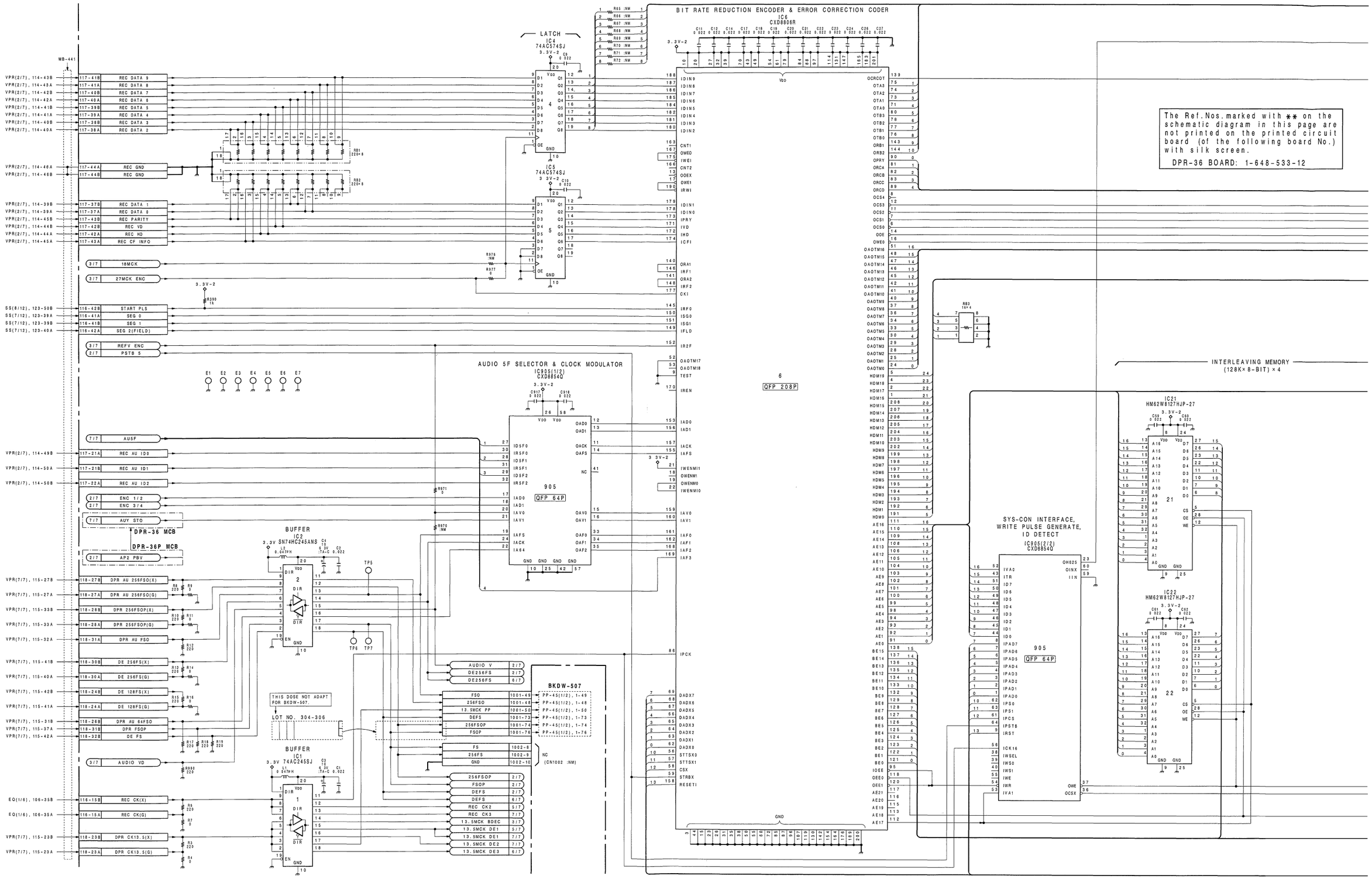


Inner/Outer ECC Decoder

DPR-36 BOARD (7/7)

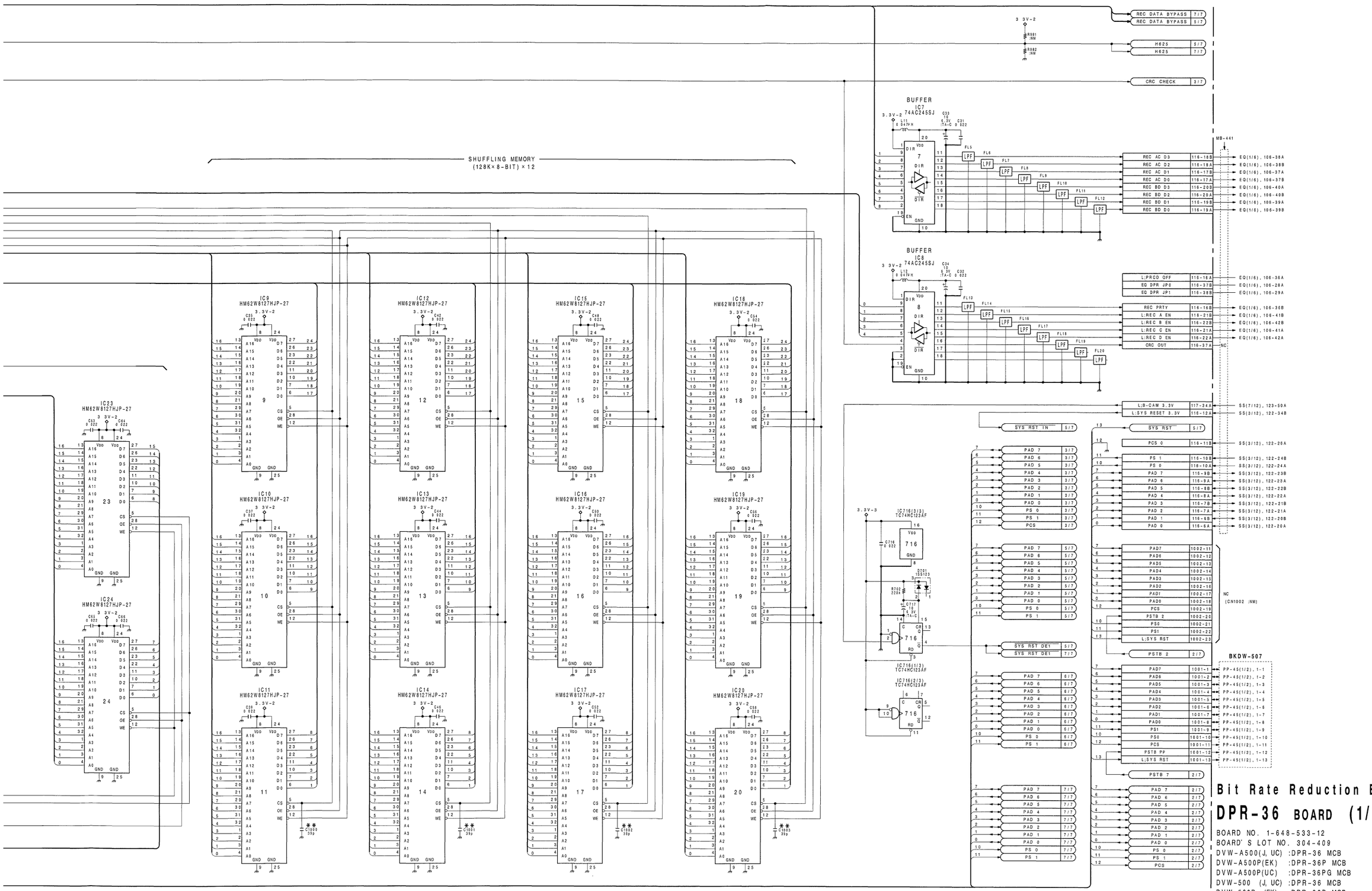
BOARD NO. 1-648-533-13
BOARD'S LOT NO. 409-811
DVW-A500 (J, UC) : DPR-36 MCB
DVW-A500P (EK) : DPR-36P MCB
DVW-A500P (UC) : DPR-36PG MCB
DVW-500 (J, UC) : DPR-36 MCB
DVW-500P (EK) : DPR-36P MCB
DVW-500P (UC) : DPR-36PG MCB

DVW-DPR36-ALL-REC-S/M-02-C



1-50 (b) 1-50 (b)

DVW-A500P/500P



Bit Rate Reduction Encoder

DPR-36 BOARD (1/7)

BOARD NO. 1-648-533-12
BOARD'S LOT NO. 304-409
DVW-A500(J,UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J,UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

DVW-DPR36-ALL-REC-S/M-02-S

DPR-36 (2/7)

PROCESSOR & FIFO MEMORY

MB-441

APR(7/9), 121-39B — 118-43B AU SR IN
APR(7/9), 121-38B — 118-43A AU SR OUT
APR(7/9), 121-37B — 118-42B AU SR CLOCK
APR(7/9), 121-36B — 118-42A AU SR START

IC901(1/6) 74AC14SJ
IC901(2/6) 74AC14SJ
IC901(3/6) 74AC14SJ
IC901(4/6) 74AC14SJ

SS(3/12), 122-25A — 116-11A PSTB

BUFFER
IC906
74AC540SJ

IC901(5/6) 74AC14SJ
IC901(6/6) 74AC14SJ

VPR(7/7), 115-45B — 118-35B AU PLL LOCK

IC914(2/6) 74AC14SJ
IC914(3/6) 74AC14SJ
IC914(4/6) 74AC14SJ
IC914(5/6) 74AC14SJ
IC914(6/6) 74AC14SJ

BUFFER
IC68
74AC245SJ

APR(9/9), 121-30A — 118-36A AD R 1/2
APR(9/9), 121-31A — 118-37A AD R 3/4
DIF(5/5), 112-40A — 118-47A SIF R 1/2
DIF(5/5), 112-40B — 118-47B SIF R 3/4
APR(9/9), 121-32A — 118-38A AES R 1/2
APR(9/9), 121-33A — 118-39A AES R 3/4

APR(9/9), 121-34A — 118-40A AES MUTE 1/2
APR(9/9), 121-35A — 118-41A AES MUTE 3/4
DIF(5/5), 112-41A — 118-48A SIF MUTE 1
DIF(5/5), 112-41B — 118-48B SIF MUTE 2
DIF(5/5), 112-42A — 118-49A SIF MUTE 3
DIF(5/5), 112-42B — 118-49B SIF MUTE 4

5/7 NO SIGNAL

1/7 AUDIO V
3/7 REFV AP1

NC (CN1000 :NM)
1000-6 FLG1
1000-7 FLG2
1000-8 FLG3
1000-9 FLG4
1000-10 REFV
1000-11 FS
1000-12 FS256
1000-13 RST
1000-14 POM

BKDW-507
PP-45(1/2), 1-6S — 1001-6S L;POWER ON MUTE
PP-45(1/2), 1-2S — 1001-2S PP AU 1/2
PP-45(1/2), 1-2G — 1001-2G PP AU 3/4

MB-441
1/7 FSOP
1/7 256FSOP
5/7 SYS RST
APR(7/9), 121-40B — 118-44A L;POWER ON PULSE

IC909 SN74HCT245ANS
IC908 MSM514221B-30JS
IC910 SN74LVT245NS
IC911 CXD8859AQ
IC701(3/3) SN74HC74ANS
IC701(1/3) SN74HC74ANS

LOT NO. 403-405; TMS4C1050B-30DJ
LOT NO. 304-402; TMS4C1050-30DJ

AUDIO DATA PROCESSOR
IC69
CXD8811AQ

69
QFP 160P

LOT NO. 304-312 ; NO MOUNTED
LOT NO. 401- ; MOUNTED AS DESIGN

S-RAM(64K×16-BIT)
IC902
HM62W1664HJP-35

LOT NO. 304-312 ; MOUNTED AS DESIGN
LOT NO. 401- ; NO MOUNTED

S-RAM(128K×8-BIT)×2
IC70
HM62W8127HJP-35
IC71
HM62W8127HJP-35

BUFFER
IC72
74AC245SJ

PSTB 2 1/7
PSTB 3 6/7
PSTB 3 5/7
PSTB 4 7/7
PSTB 5 1/7
PSTB 6 3/7
PSTB 7 1/7

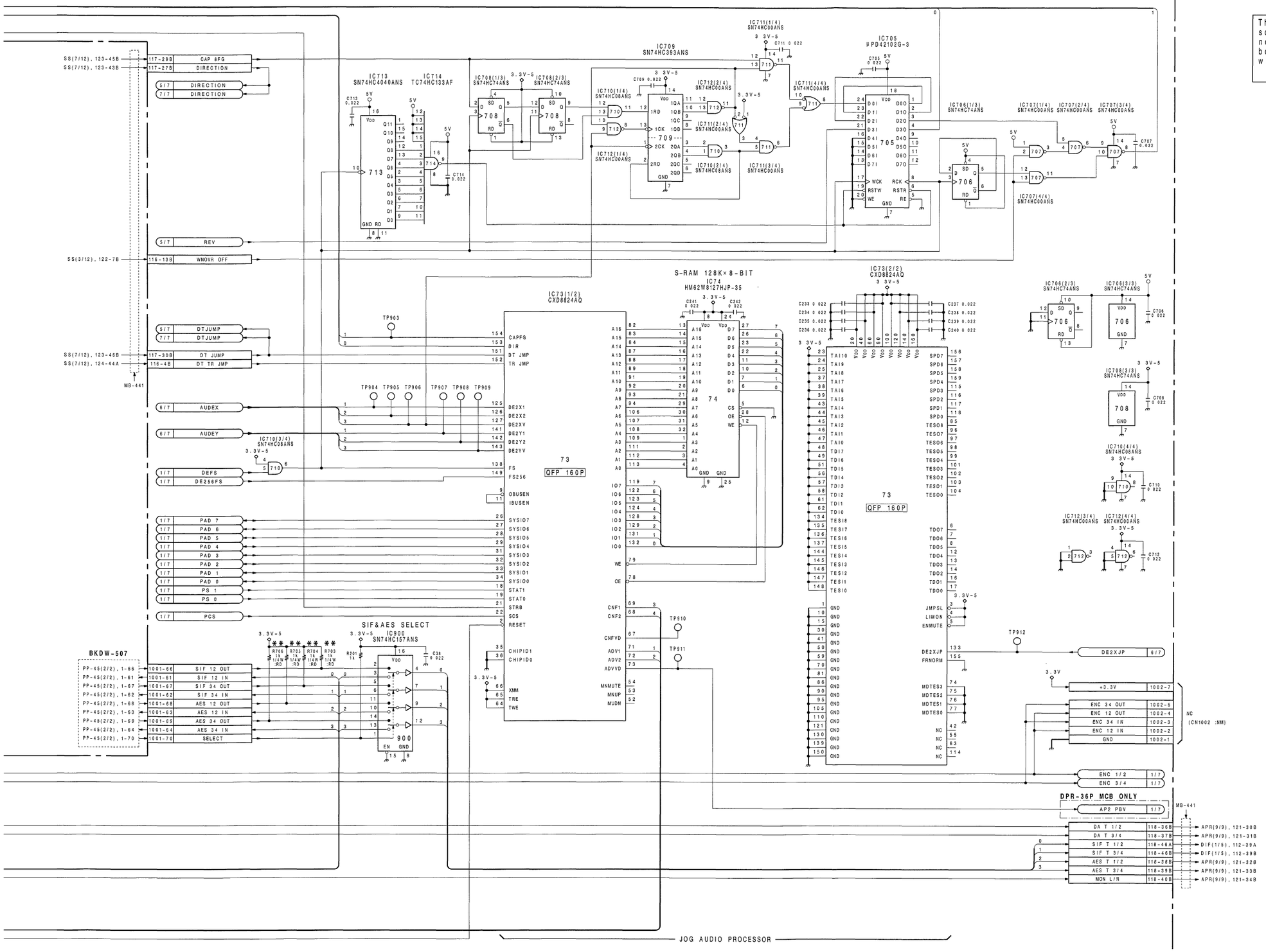
3.3V 1000-1
SOUT 1000-2
SIN 1000-3
SCK 1000-4
SSTART 1000-5
GND 1000-15
FOR FACTORY USE

TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26

DPR-36 (2/7)

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DPR-36 BOARD: 1-648-533-12



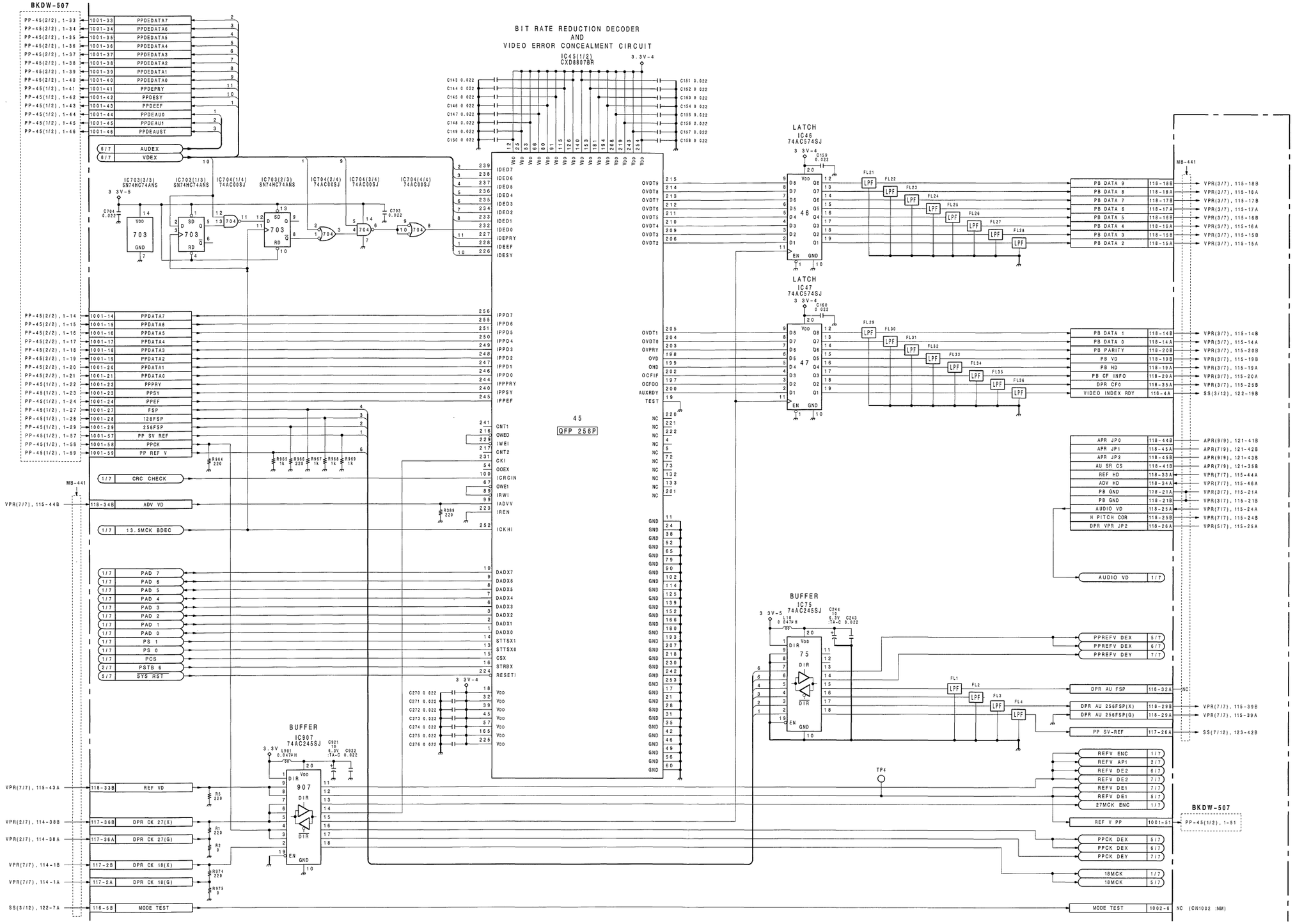
Audio Data Processor, Jog Audio Data Processor

DPR-36 BOARD (2/7)

BOARD NO. 1-648-533-12
BOARD' S LOT NO. 304-409
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

DVW-DPR36-ALL-REC-SM-02-B

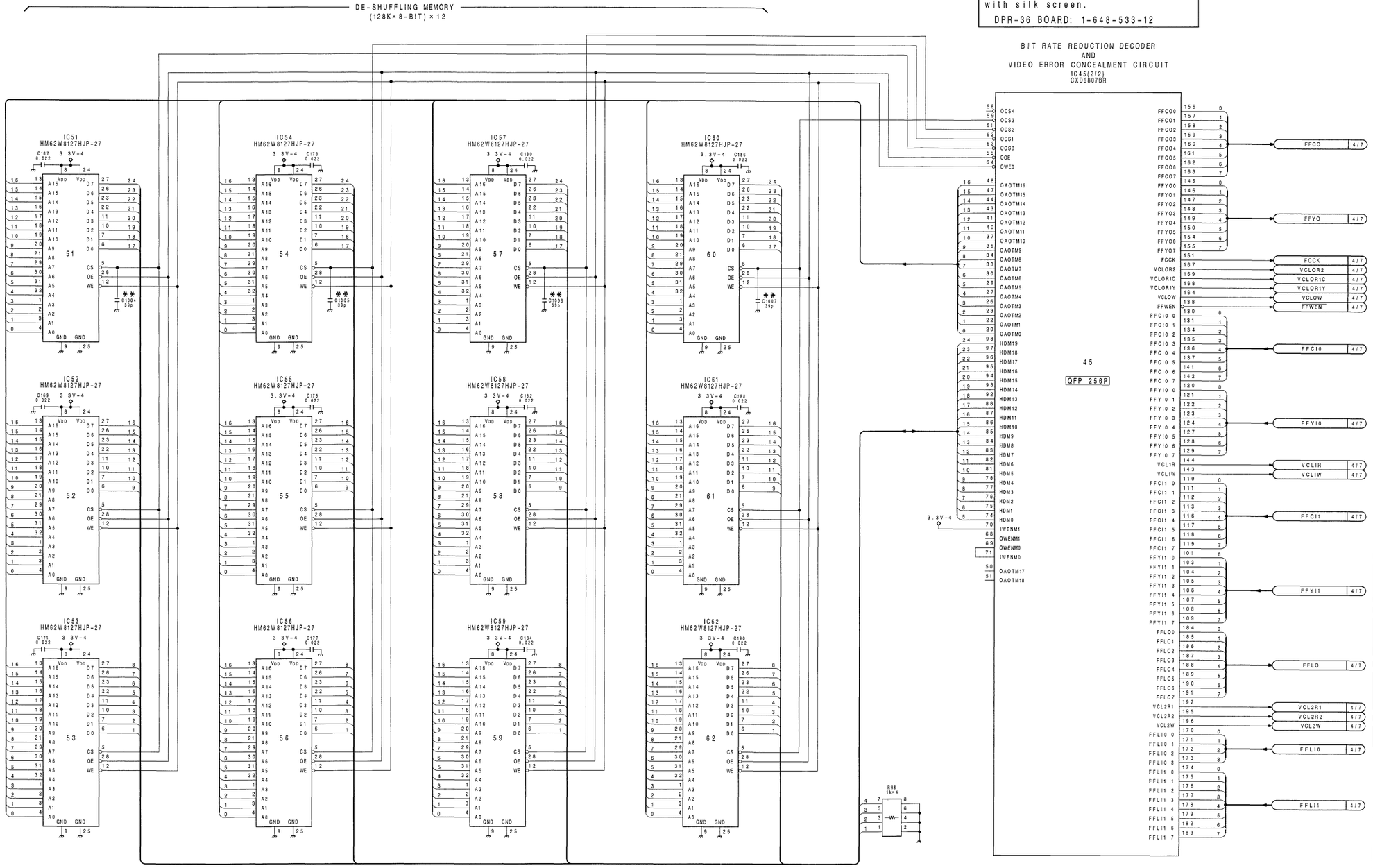
DPR-36 (3/7)


BKDW-507
BIT RATE REDUCTION DECODER
AND
VIDEO ERROR CONCEALMENT CIRCUIT
IC45(1/2)
CXD8807BR
3.3V-4
LATCH
IC46
74AC574SJ
LATCH
IC47
74AC574SJ
BUFFER
IC75
74AC245SJ
BUFFER
IC907
74AC245SJ
IC703(3/3) SN74HC74ANS
IC703(1/3) SN74HC74ANS
IC704(1/4) 74AC00SJ
IC703(2/3) SN74HC74ANS
IC704(2/4) 74AC00SJ
IC704(3/4) 74AC00SJ
IC704(4/4) 74AC00SJ
QFP 256P
45
46
47
MB-441
AUDEX
VDEX
CRC CHECK
ADV VD
13.5MCK BDEC
PAD 7
PAD 6
PAD 5
PAD 4
PAD 3
PAD 2
PAD 1
PAD 0
PS 1
PS 0
PCS
PSTB 6
SYS RST
REF VD
DPR CK 27(X)
DPR CK 27(G)
DPR CK 18(X)
DPR CK 18(G)
MODE TEST
PB DATA 9
PB DATA 8
PB DATA 7
PB DATA 6
PB DATA 5
PB DATA 4
PB DATA 3
PB DATA 2
PB DATA 1
PB DATA 0
PB PARITY
PB VD
PB HD
PB CF INFO
DPR CF0
VIDEO INDEX RDY
APR JP0
APR JP1
APR JP2
AU SR CS
REF HD
ADV HD
PB GND
PB GND
AUDIO VD
H PITCH COR
DPR VPR JP2
AUDIO VD
PPREFV DEX
PPREFV DEX
PPREFV DEY
DPR AU FSP
DPR AU 256FSP(X)
DPR AU 256FSP(G)
PP SV-REF
REFV ENC
REFV AP1
REFV DE2
REFV DE2
REFV DE1
REFV DE1
27MCK ENC
REF V PP
PPCK DEX
PPCK DEX
PPCK DEY
18MCK
18MCK
MODE TEST
NC (CN1002 :NM)
BKDW-507
PP-45(1/2), 1-51

DPR-36 (3/7)

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DPR-36 BOARD: 1-648-533-12



BIT Rate Reduction Decoder, Concealment Circuit

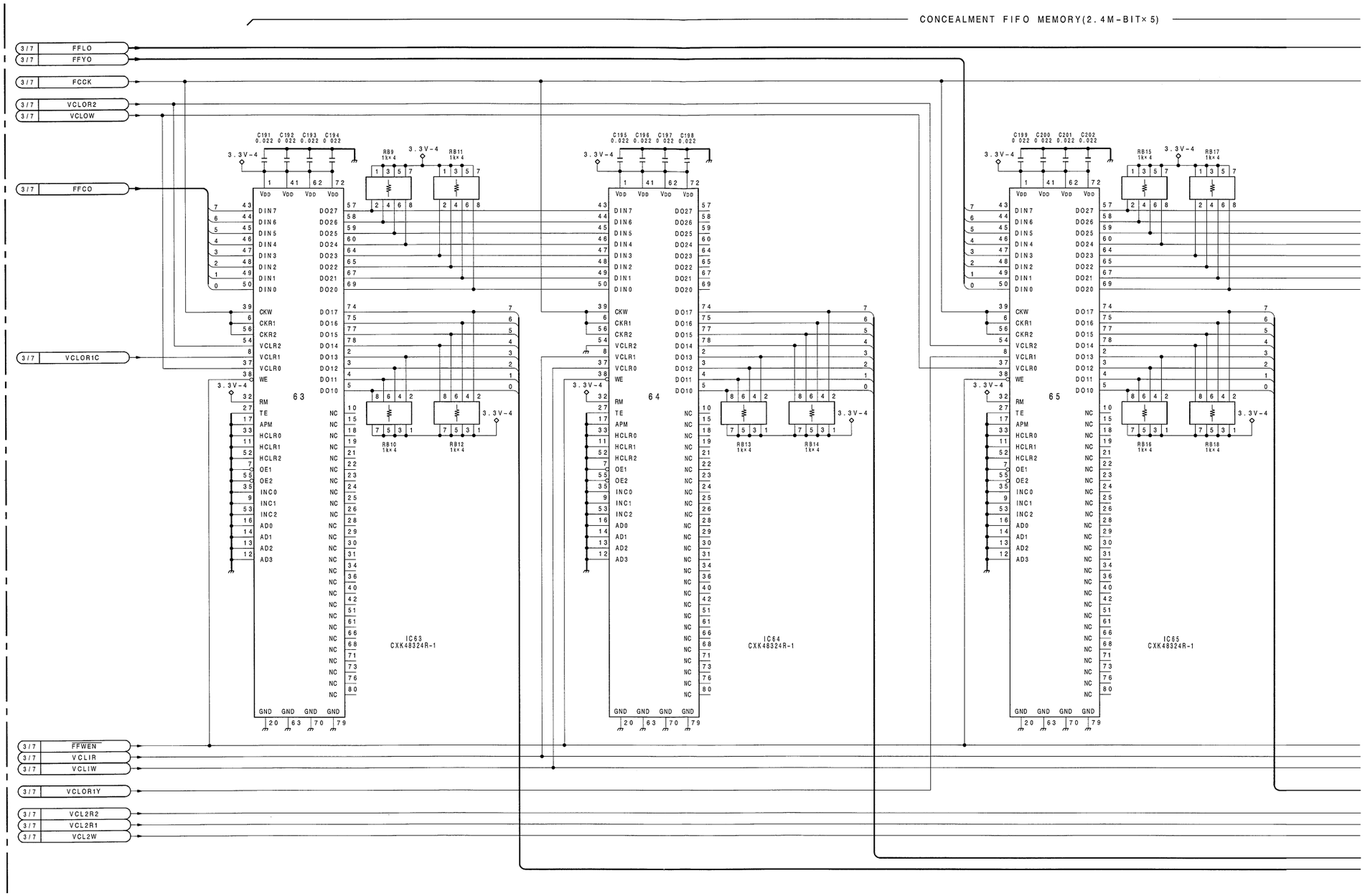
DPR-36 BOARD (3/7)

BOARD NO. 1-648-533-12
BOARD' S LOT NO. 304-409
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

DVW-DPR36-ALL-REC-S/M-02-B

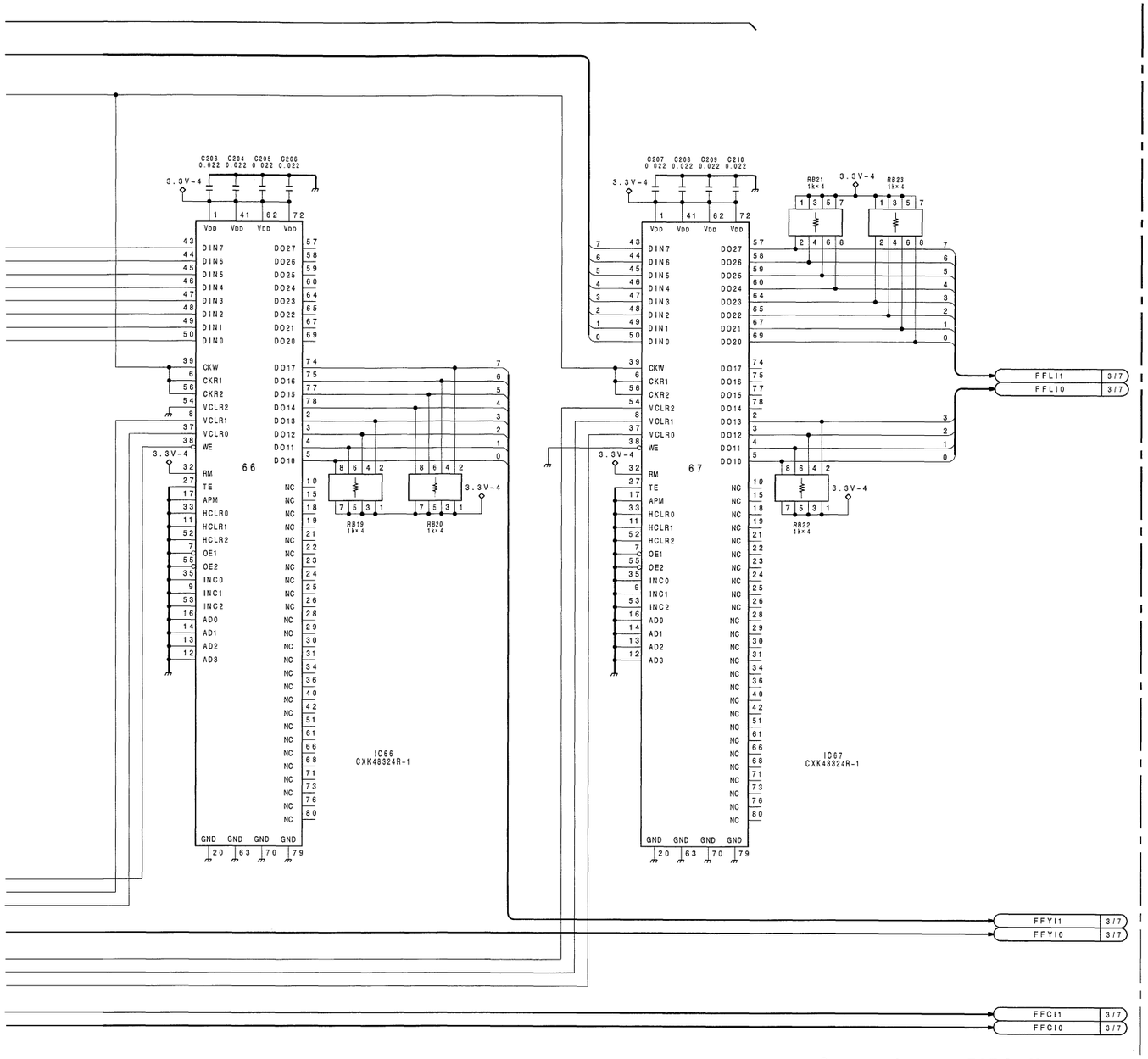
DPR-36 (4/7)

CONCEALMENT FIFO MEMORY(2.4M-BIT× 5)



1-56 (b)

DPR-36 (4/7)



Concealment FIFO Memory

DPR-36 BOARD (4/7)

BOARD NO. 1-648-533-12
BOARD' S LOT NO. 304-409
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

DVW-DPR36-ALL-REC-S/M-02-B

DPR-36 (5/7)

The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

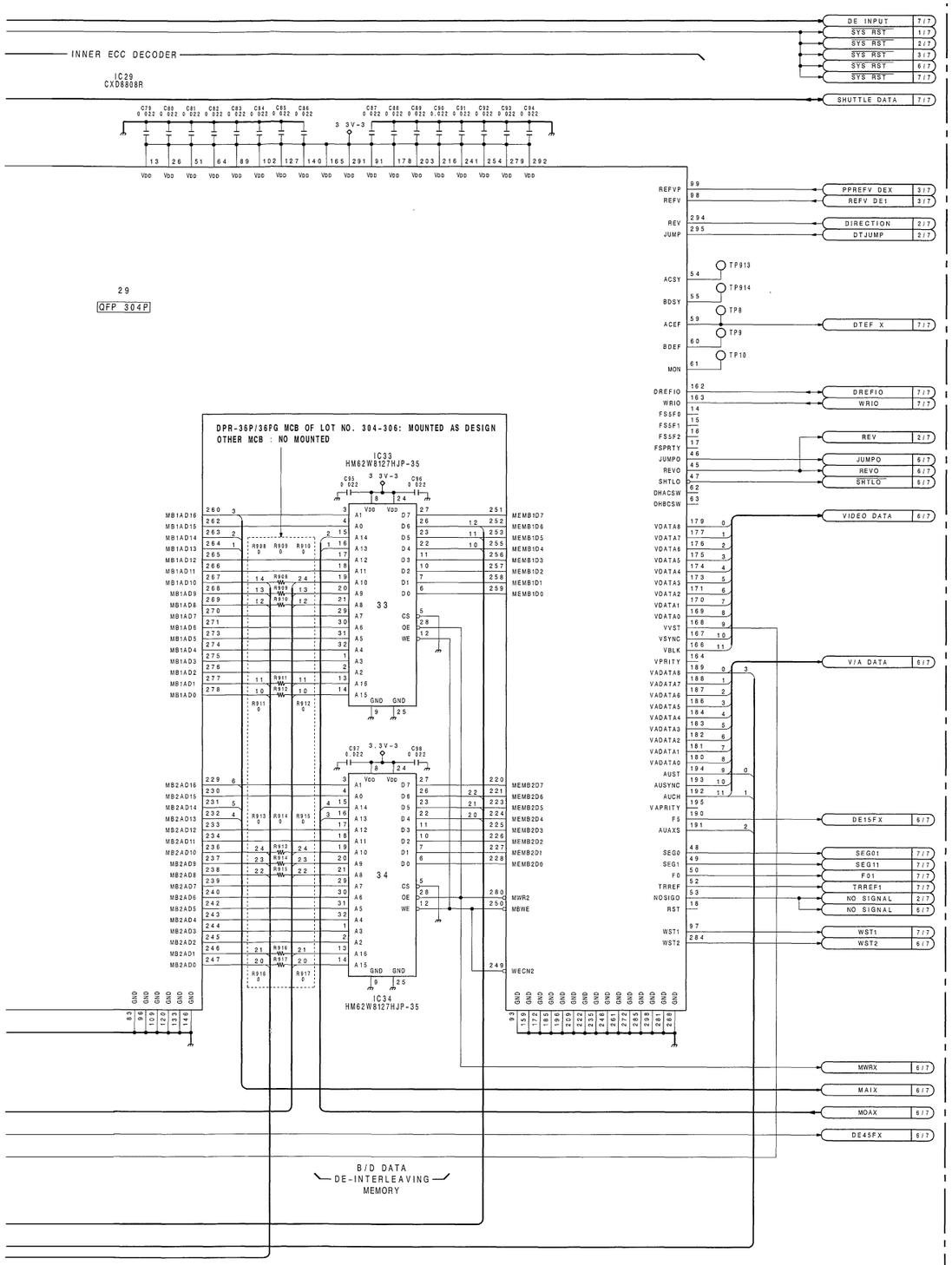
DPR-36 BOARD: 1-648-533-12

DPR-36P/36PG MCB OF LOT NO. 304-306: MOUNTED AS DESIGN
OTHER MCB : NO MOUNTED

DPR-36P/36PG MCB OF LOT NO. 304-306: NO MOUNTED
OTHER MCB : MOUNTED AS DESIGN

A/C DATA DE-INTERLEAVING MEMORY

1-58 (b)



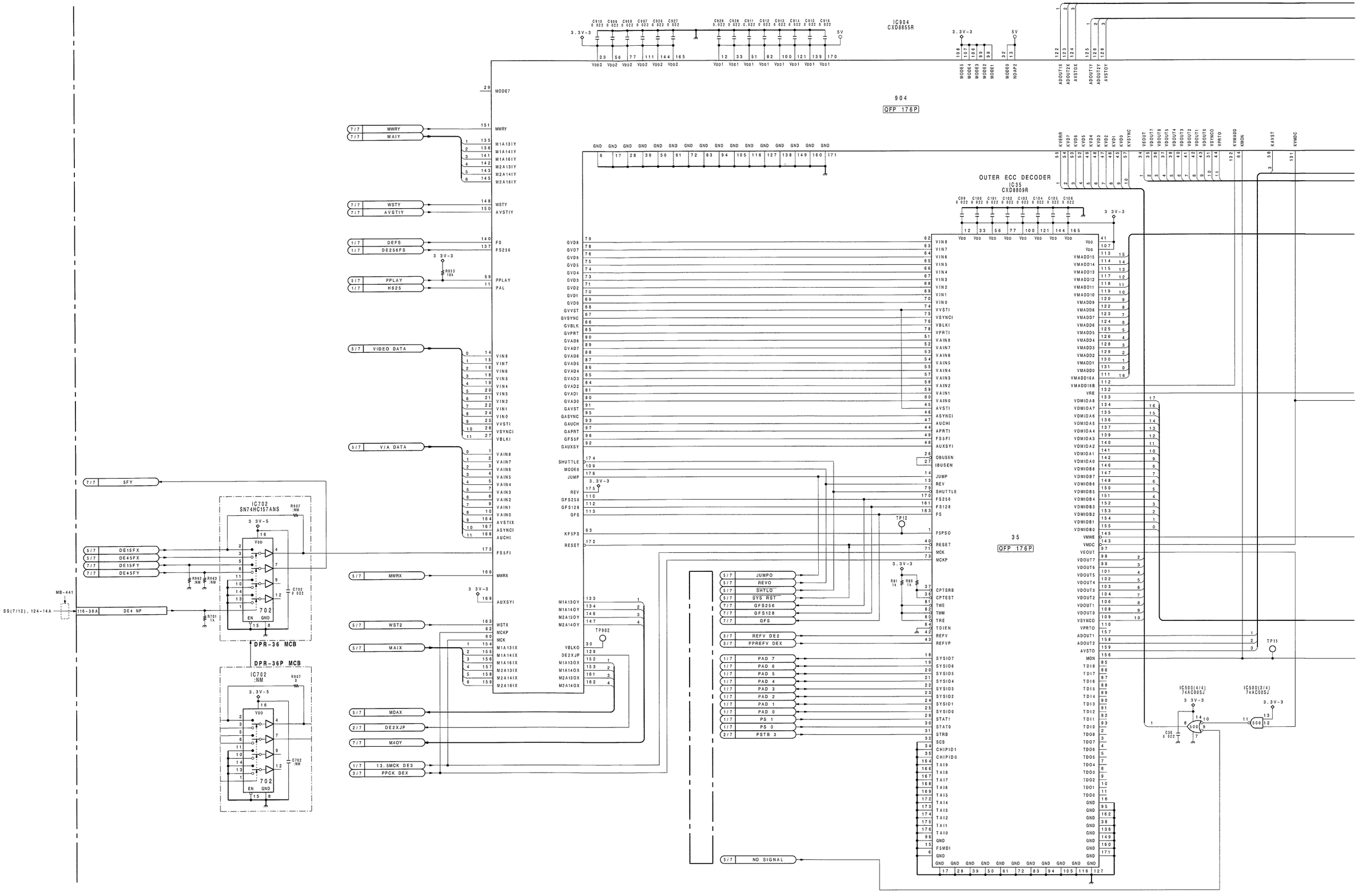
Inner ECC Decoder

DPR-36 BOARD (5/7)

BOARD NO. 1-648-533-12
BOARD' S LOT NO. 304-409
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

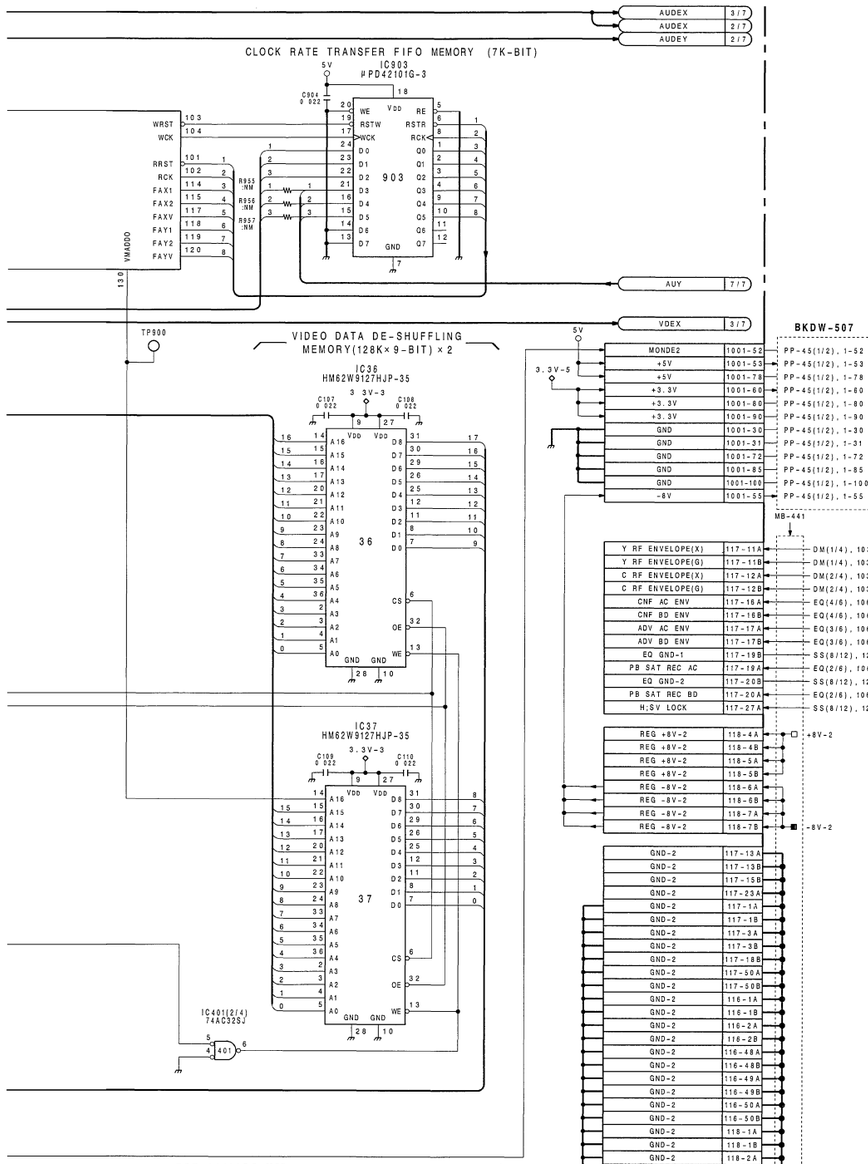
DVW-DPR36-ALL-REC-SIM-02-B

DPR-36 (6/7)



1-60 (b)

1-60 (b)



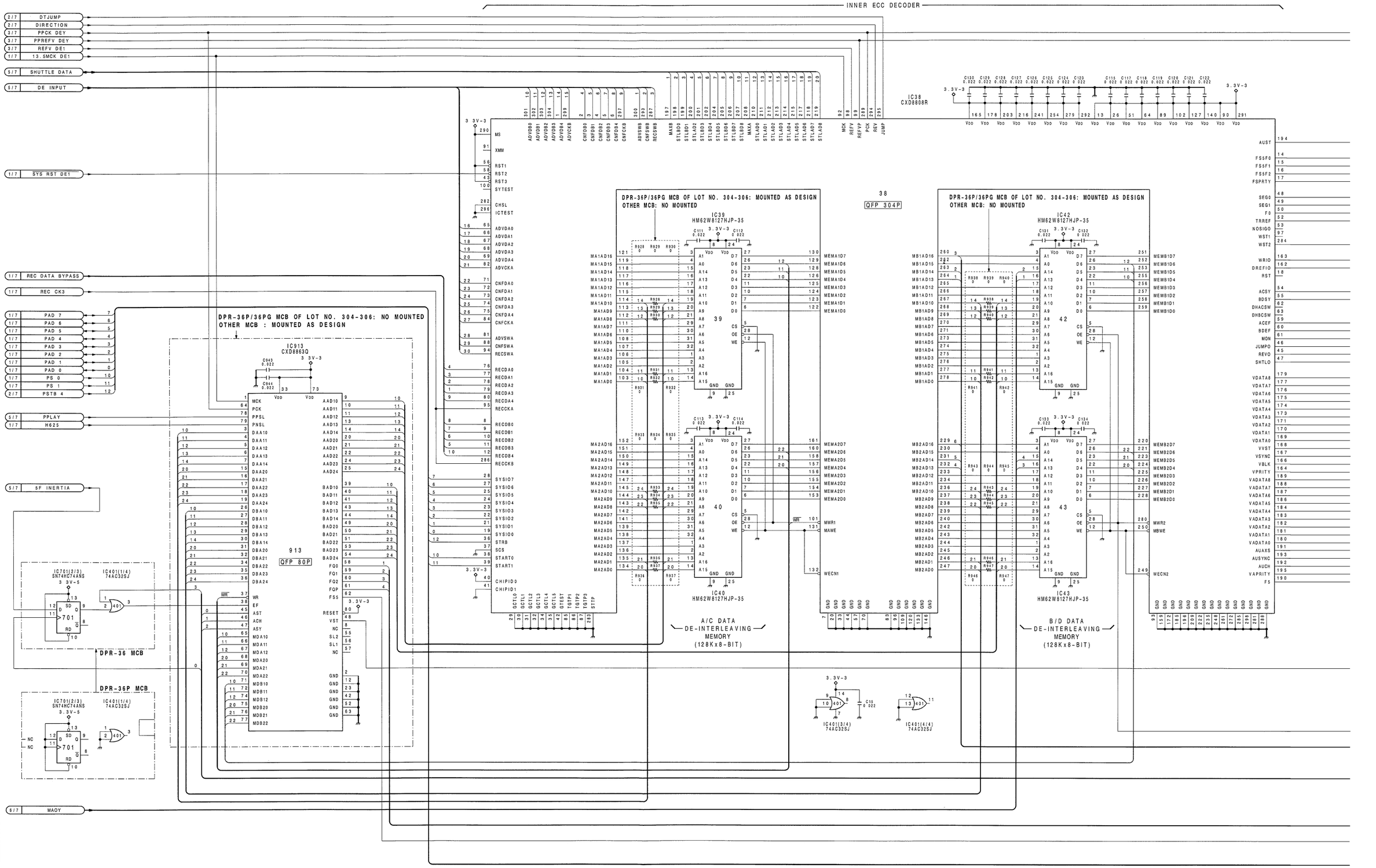
Outer ECC Decoder

DPR-36 BOARD (6/7)

BOARD NO. 1-648-533-12
BOARD' S LOT NO. 304-409
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

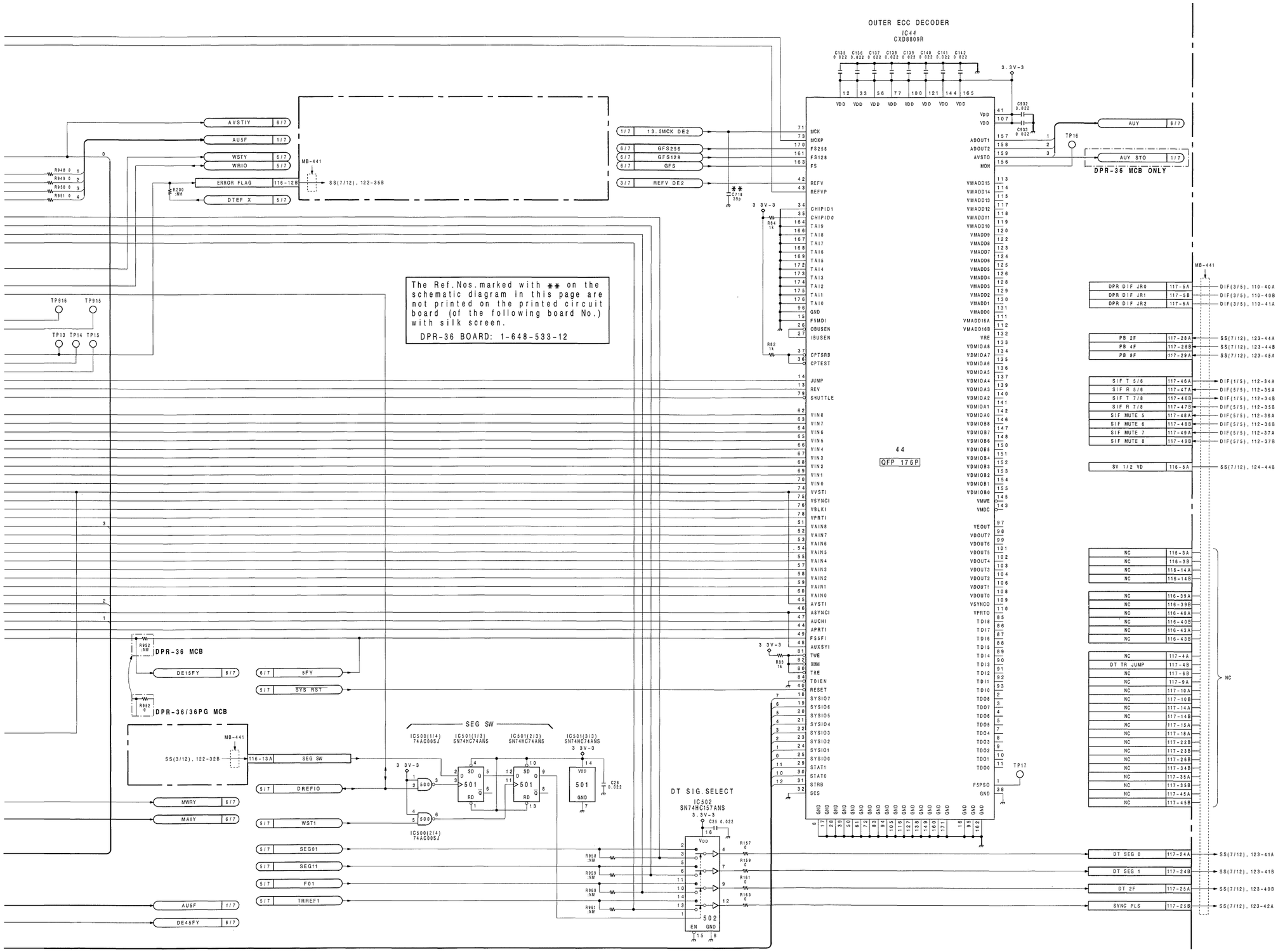
DVW-DPR36-ALL-REC-S/M-02-B

DPR-36 (7/7)



1-62 (b)

DPR-36 (7/7)



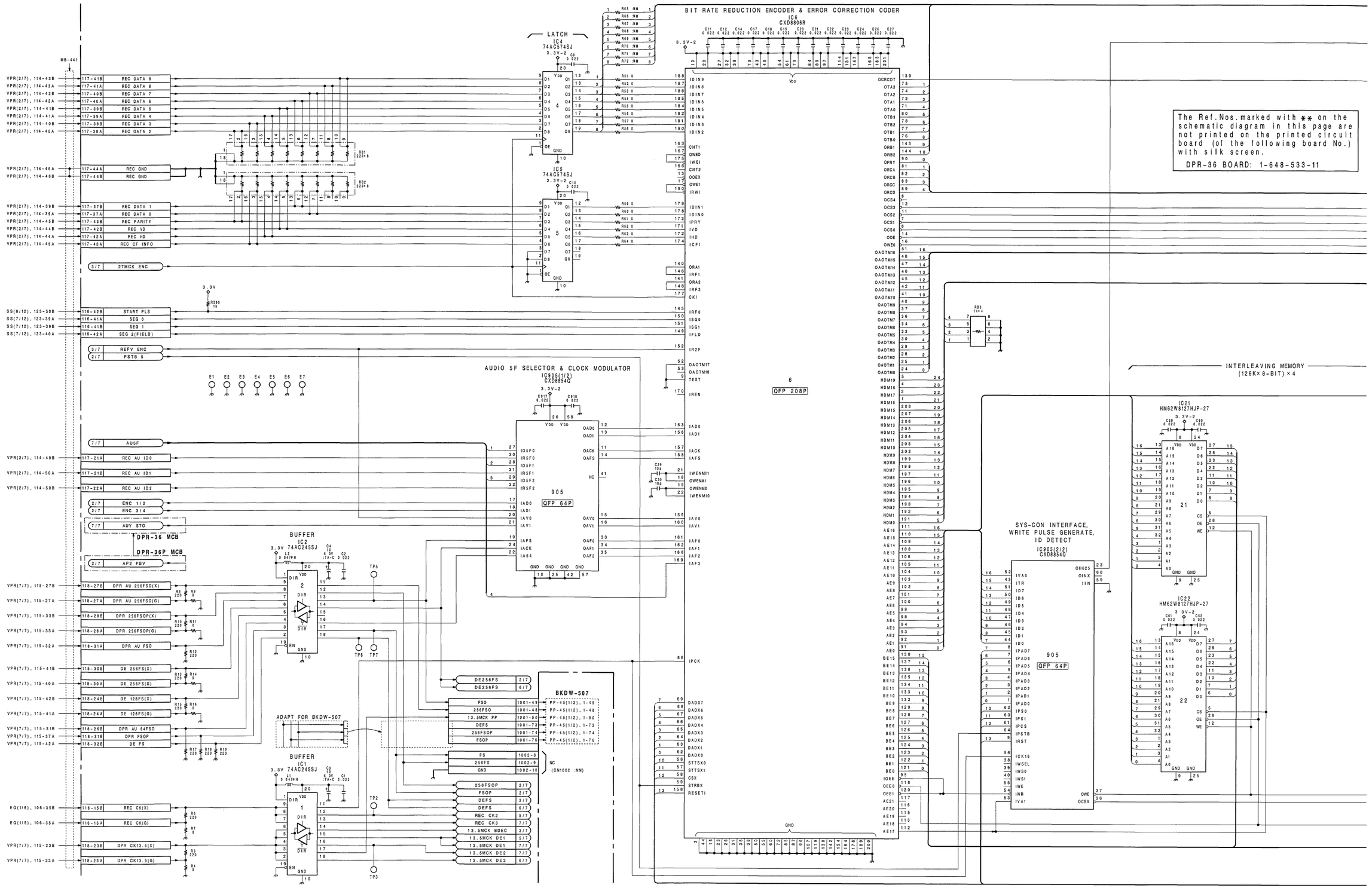
Inner/Outer ECC Decoder

DPR-36 BOARD (7/7)

BOARD NO. 1-648-533-12
BOARD' S LOT NO. 304-409
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-A500P(UC) :DPR-36PG MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-500P (UC) :DPR-36PG MCB

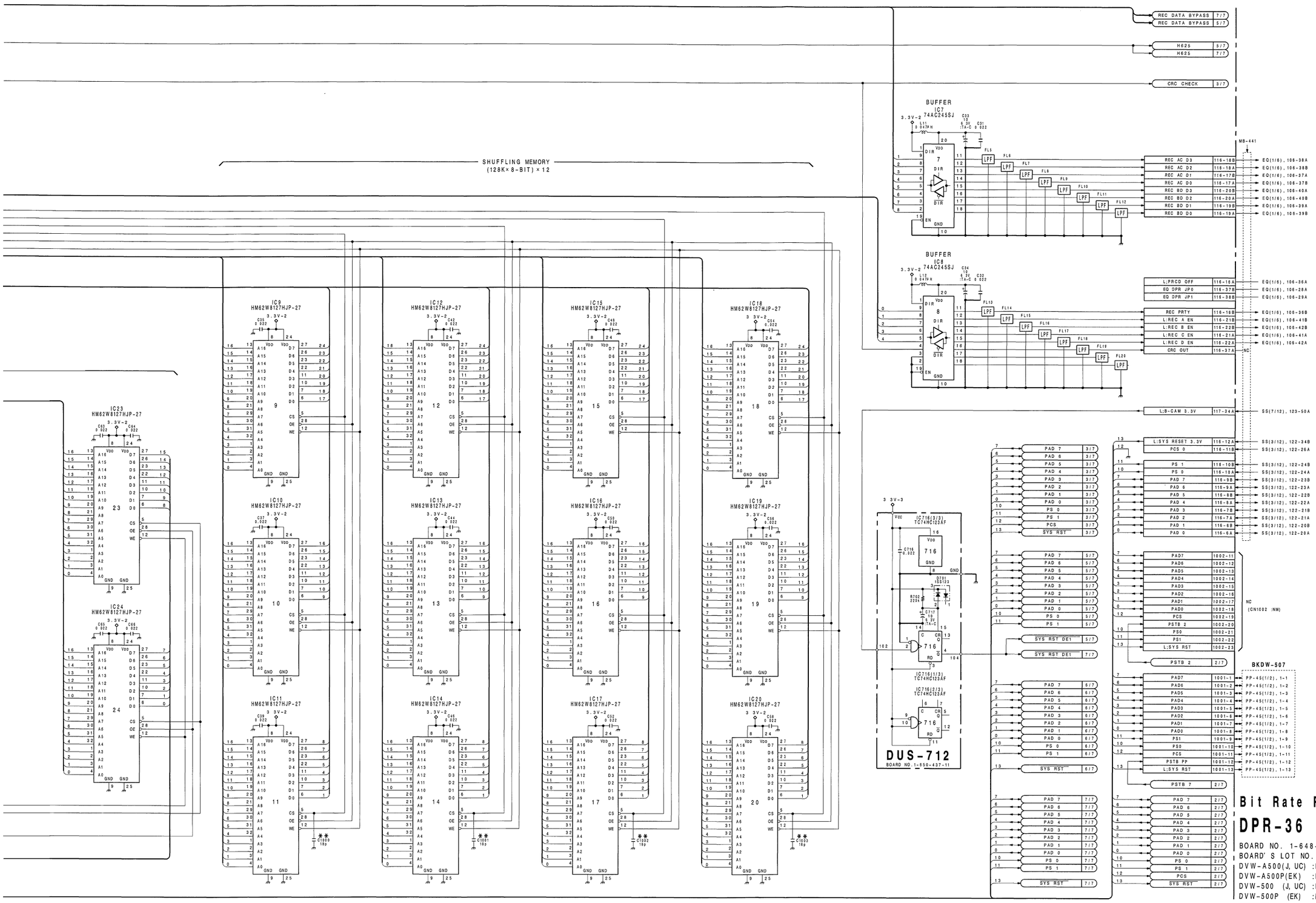
DVW-DPR36-ALL-REC-S/M-02-B

DPR-36 (1/7)

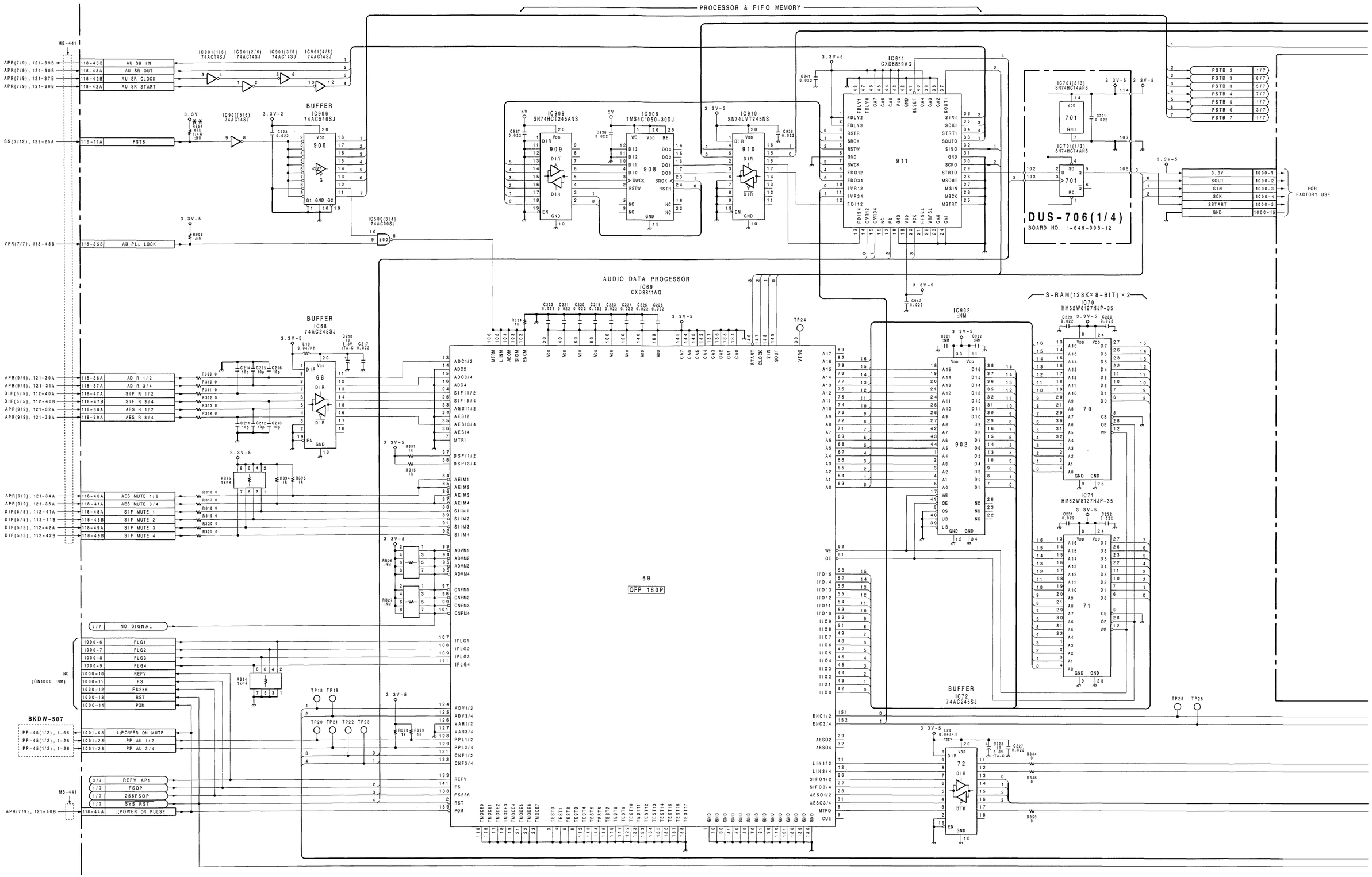


1-50 (a) 1-50 (a)

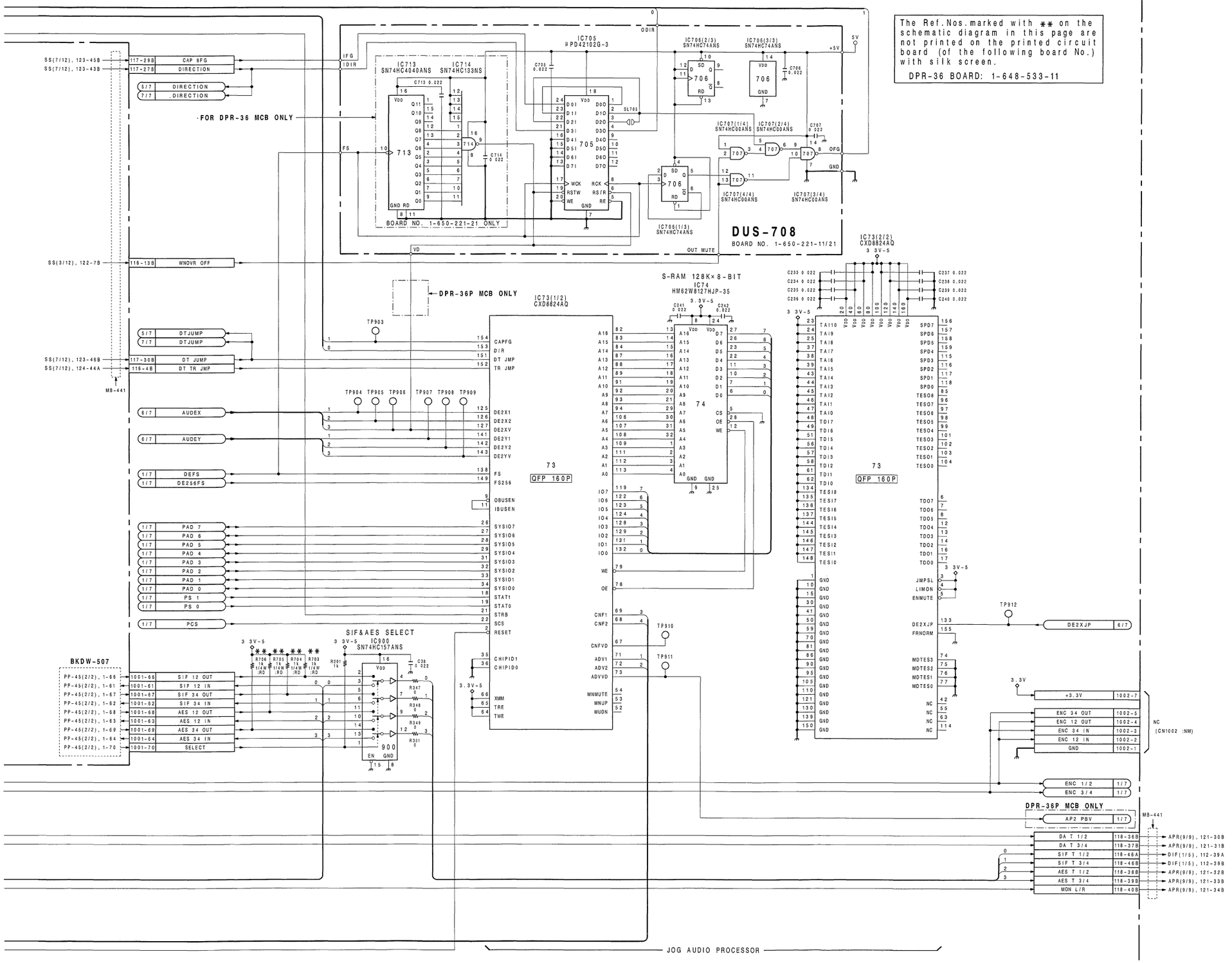
DVW-A500P/500P


SHUFFLING MEMORY
(128K× 8-BIT) × 12
IC9 HM62W8127HJP-27
IC12 HM62W8127HJP-27
IC15 HM62W8127HJP-27
IC18 HM62W8127HJP-27
IC23 HM62W8127HJP-27
IC10 HM62W8127HJP-27
IC13 HM62W8127HJP-27
IC16 HM62W8127HJP-27
IC19 HM62W8127HJP-27
IC24 HM62W8127HJP-27
IC11 HM62W8127HJP-27
IC14 HM62W8127HJP-27
IC17 HM62W8127HJP-27
IC20 HM62W8127HJP-27
BUFFER
IC7 74AC245SJ
BUFFER
IC8 74AC245SJ
REC DATA BYPASS 7/7
REC DATA BYPASS 5/7
H625 5/7
H625 7/7
CRC CHECK 3/7
REC AC D3 116-18B
REC AC D2 116-18A
REC AC D1 116-17B
REC AC D0 116-17A
REC BD D3 116-20B
REC BD D2 116-20A
REC BD D1 116-19B
REC BD D0 116-19A
L;PRCD OFF 116-16A
EQ DPR JP0 116-37B
EQ DPR JP1 116-38B
REC PRTY 116-16B
L;REC A EN 116-21B
L;REC B EN 116-22B
L;REC C EN 116-21A
L;REC D EN 116-22A
CRC OUT 116-37A
L;B-CAM 3.3V 117-34A
L;SYS RESET 3.3V 116-12A
PCS 0 116-11B
PS 1 116-10B
PS 0 116-10A
PAD 7 116-9B
PAD 6 116-9A
PAD 5 116-8B
PAD 4 116-8A
PAD 3 116-7B
PAD 2 116-7A
PAD 1 116-6B
PAD 0 116-6A
PAD 7 1002-11
PAD6 1002-12
PAD5 1002-13
PAD4 1002-14
PAD3 1002-15
PAD2 1002-16
PAD1 1002-17
PAD0 1002-18
PCS 1002-19
PSTB 2 1002-20
PS0 1002-21
PS1 1002-22
L;SYS RST 1002-23
PSTB 2 2/7
PSTB 7 2/7
PAD 7 1001-1
PAD6 1001-2
PAD5 1001-3
PAD4 1001-4
PAD3 1001-5
PAD2 1001-6
PAD1 1001-7
PAD0 1001-8
PS1 1001-9
PS0 1001-10
PCS 1001-11
PSTB PP 1001-12
L;SYS RST 1001-13
PAD 7 3/7
PAD 6 3/7
PAD 5 3/7
PAD 4 3/7
PAD 3 3/7
PAD 2 3/7
PAD 1 3/7
PAD 0 3/7
PS 0 3/7
PS 1 3/7
PCS 3/7
SYS RST 3/7
PAD 7 5/7
PAD 6 5/7
PAD 5 5/7
PAD 4 5/7
PAD 3 5/7
PAD 2 5/7
PAD 1 5/7
PAD 0 5/7
PS 0 5/7
PS 1 5/7
SYS RST DE1 5/7
SYS RST DE1 7/7
PAD 7 6/7
PAD 6 6/7
PAD 5 6/7
PAD 4 6/7
PAD 3 6/7
PAD 2 6/7
PAD 1 6/7
PAD 0 6/7
PS 0 6/7
PS 1 6/7
SYS RST 6/7
PAD 7 7/7
PAD 6 7/7
PAD 5 7/7
PAD 4 7/7
PAD 3 7/7
PAD 2 7/7
PAD 1 7/7
PAD 0 7/7
PS 0 7/7
PS 1 7/7
SYS RST 7/7
PAD 7 2/7
PAD 6 2/7
PAD 5 2/7
PAD 4 2/7
PAD 3 2/7
PAD 2 2/7
PAD 1 2/7
PAD 0 2/7
PS 0 2/7
PS 1 2/7
PCS 2/7
SYS RST 2/7
MB-441
EQ(1/6), 106-38A
EQ(1/6), 106-38B
EQ(1/6), 106-37A
EQ(1/6), 106-37B
EQ(1/6), 106-40A
EQ(1/6), 106-40B
EQ(1/6), 106-39A
EQ(1/6), 106-39B
EQ(1/6), 106-36A
EQ(1/6), 106-28A
EQ(1/6), 106-29A
EQ(1/6), 106-36B
EQ(1/6), 106-41B
EQ(1/6), 106-42B
EQ(1/6), 106-41A
EQ(1/6), 106-42A
SS(7/12), 123-50A
SS(3/12), 122-34B
SS(3/12), 122-26A
SS(3/12), 122-24B
SS(3/12), 122-24A
SS(3/12), 122-23B
SS(3/12), 122-23A
SS(3/12), 122-22B
SS(3/12), 122-22A
SS(3/12), 122-21B
SS(3/12), 122-21A
SS(3/12), 122-20B
SS(3/12), 122-20A
NC
(CN1002 :NM)
BKDW-507
PP-45(1/2), 1-1
PP-45(1/2), 1-2
PP-45(1/2), 1-3
PP-45(1/2), 1-4
PP-45(1/2), 1-5
PP-45(1/2), 1-6
PP-45(1/2), 1-7
PP-45(1/2), 1-8
PP-45(1/2), 1-9
PP-45(1/2), 1-10
PP-45(1/2), 1-11
PP-45(1/2), 1-12
PP-45(1/2), 1-13
DUS-712
BOARD NO. 1-650-437-11
Bit Rate Reduction Encoder
DPR-36 BOARD (1/7)
BOARD NO. 1-648-533-11
BOARD' S LOT NO. 302-303
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB
DVW-DPR36-ALL-REC-S/M-02-A

DPR-36 (2/7)


PROCESSOR & FIFO MEMORY
AUDIO DATA PROCESSOR
IC69
CXD8811AQ
IC911
CXD8559AQ
IC909
SN74HCT245ANS
IC908
TMS4C1050-30DJ
IC910
SN74LVT245NS
IC906
74AC540SJ
IC901(1/6)
74AC14SJ
IC901(2/6)
74AC14SJ
IC901(3/6)
74AC14SJ
IC901(4/6)
74AC14SJ
IC901(5/6)
74AC14SJ
IC500(3/4)
74AC00SJ
IC68
74AC245SJ
IC72
74AC245SJ
IC902
:NM
IC70
HM62W8127HJP-35
IC71
HM62W8127HJP-35
IC701(3/3)
SN74HC74ANS
IC701(1/3)
SN74HC74ANS
S-RAM(128K×8-BIT)×2
DUS-706(1/4)
BOARD NO. 1-649-998-12
FOR FACTORY USE
BUFFER
BKDW-507
MB-441
APR(7/9), 121-39B
APR(7/9), 121-38B
APR(7/9), 121-37B
APR(7/9), 121-36B
SS(3/12), 122-25A
VPR(7/7), 115-45B
APR(9/9), 121-30A
APR(9/9), 121-31A
DIF(5/5), 112-40A
DIF(5/5), 112-40B
APR(9/9), 121-32A
APR(9/9), 121-33A
APR(9/9), 121-34A
APR(9/9), 121-35A
DIF(5/5), 112-41A
DIF(5/5), 112-41B
DIF(5/5), 112-42A
DIF(5/5), 112-42B
PP-45(1/2), 1-65
PP-45(1/2), 1-25
PP-45(1/2), 1-26
APR(7/9), 121-40B
AU SR IN
AU SR OUT
AU SR CLOCK
AU SR START
PSTB
AU PLL LOCK
AD R 1/2
AD R 3/4
SIF R 1/2
SIF R 3/4
AES R 1/2
AES R 3/4
AES MUTE 1/2
AES MUTE 3/4
SIF MUTE 1
SIF MUTE 2
SIF MUTE 3
SIF MUTE 4
NO SIGNAL
FLG1
FLG2
FLG3
FLG4
REFV
FS
FS256
RST
POM
L;POWER ON MUTE
PP AU 1/2
PP AU 3/4
REFV AP1
FSOP
256FSOP
SYS RST
L;POWER ON PULSE
PSTB 2
PSTB 3
PSTB 4
PSTB 5
PSTB 6
PSTB 7
3.3V
SOUT
SIN
SCK
SSTART
GND
69
QFP 160P

DPR-36 (2/7)



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DPR-36 BOARD: 1-648-533-11

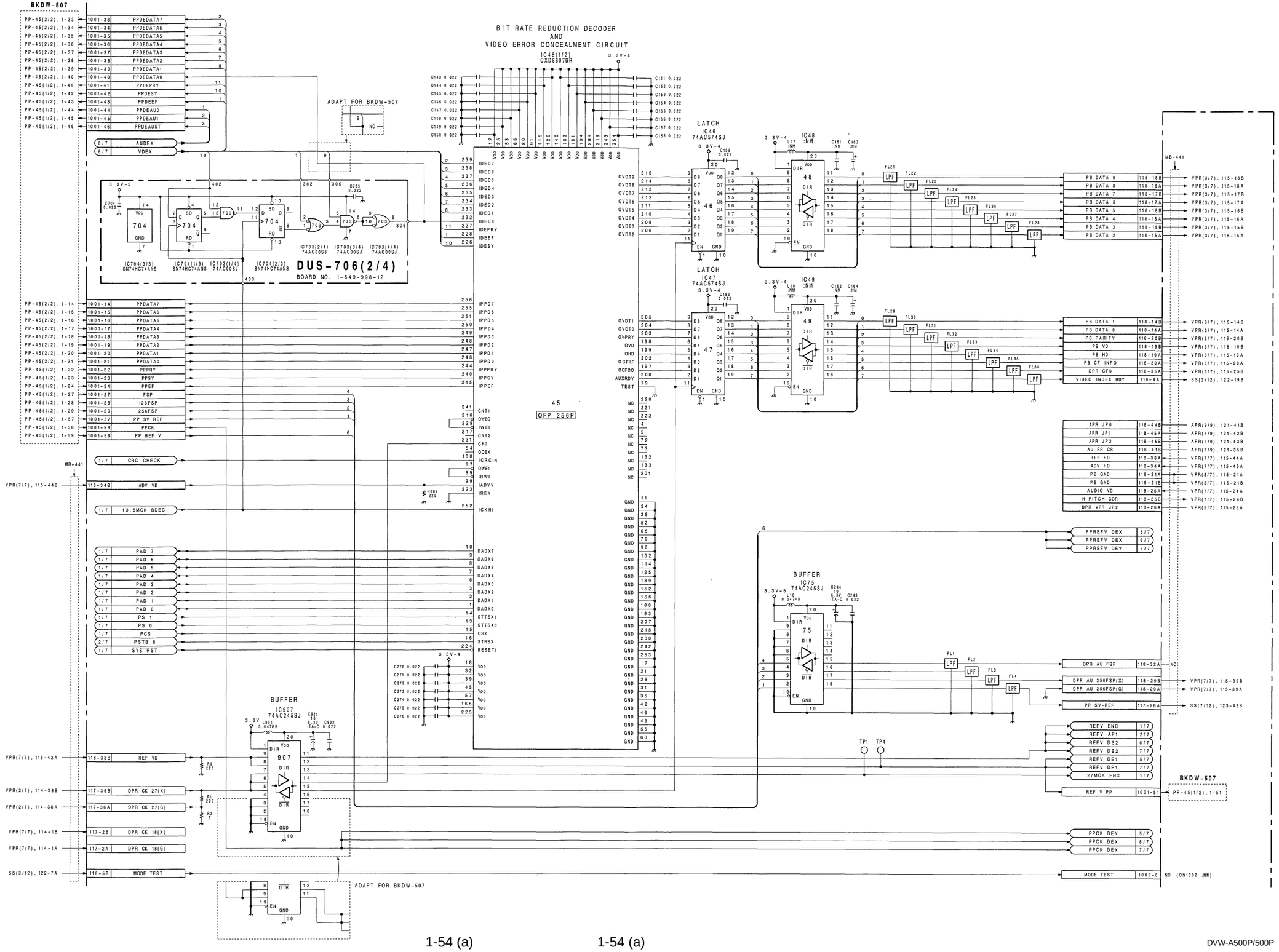
Audio Data Processor, Jog Audio Data Processor

DPR-36 BOARD (2/7)

BOARD NO. 1-648-533-11
BOARD' S LOT NO. 302-303
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB

DVW-DPR36-ALL-REC-S/M-02-A

DPR-36 (3/7)



1-54 (a)

DPR-36 (3/7)

The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DPR-36 BOARD: 1-648-533-11

DE-SHUFFLING MEMORY
(128K×8-BIT)×12

IC51 HM62W8127HJP-27
IC52 HM62W8127HJP-27
IC53 HM62W8127HJP-27
IC54 HM62W8127HJP-27
IC55 HM62W8127HJP-27
IC56 HM62W8127HJP-27
IC57 HM62W8127HJP-27
IC58 HM62W8127HJP-27
IC59 HM62W8127HJP-27
IC60 HM62W8127HJP-27
IC61 HM62W8127HJP-27
IC62 HM62W8127HJP-27

BIT RATE REDUCTION DECODER
AND
VIDEO ERROR CONCEALMENT CIRCUIT
IC45(2/2)
CXD8807BR
QFP 256P

FFCO 4/7
FFYO 4/7
FCCK 4/7
VCLOR2 4/7
VCLOR1C 4/7
VCLOR1Y 4/7
VCLOW 4/7
FFWEN 4/7
FFC10 4/7
FFYI0 4/7
VCL1R 4/7
VCL1W 4/7
FFC11 4/7
FFYI1 4/7
FFLO 4/7
VCL2R1 4/7
VCL2R2 4/7
VCL2W 4/7
FFLI0 4/7
FFLI1 4/7

BIT Rate Reduction Decoder, Concealment Circuit

DPR-36 BOARD (3/7)

BOARD NO. 1-648-533-11
BOARD' S LOT NO. 302-303
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB

DVW-DPR36-ALL-REC-STM-02-A

DPR-36 (4/7)

CONCEALMENT FIFO MEMORY(2.4M-BIT× 5)

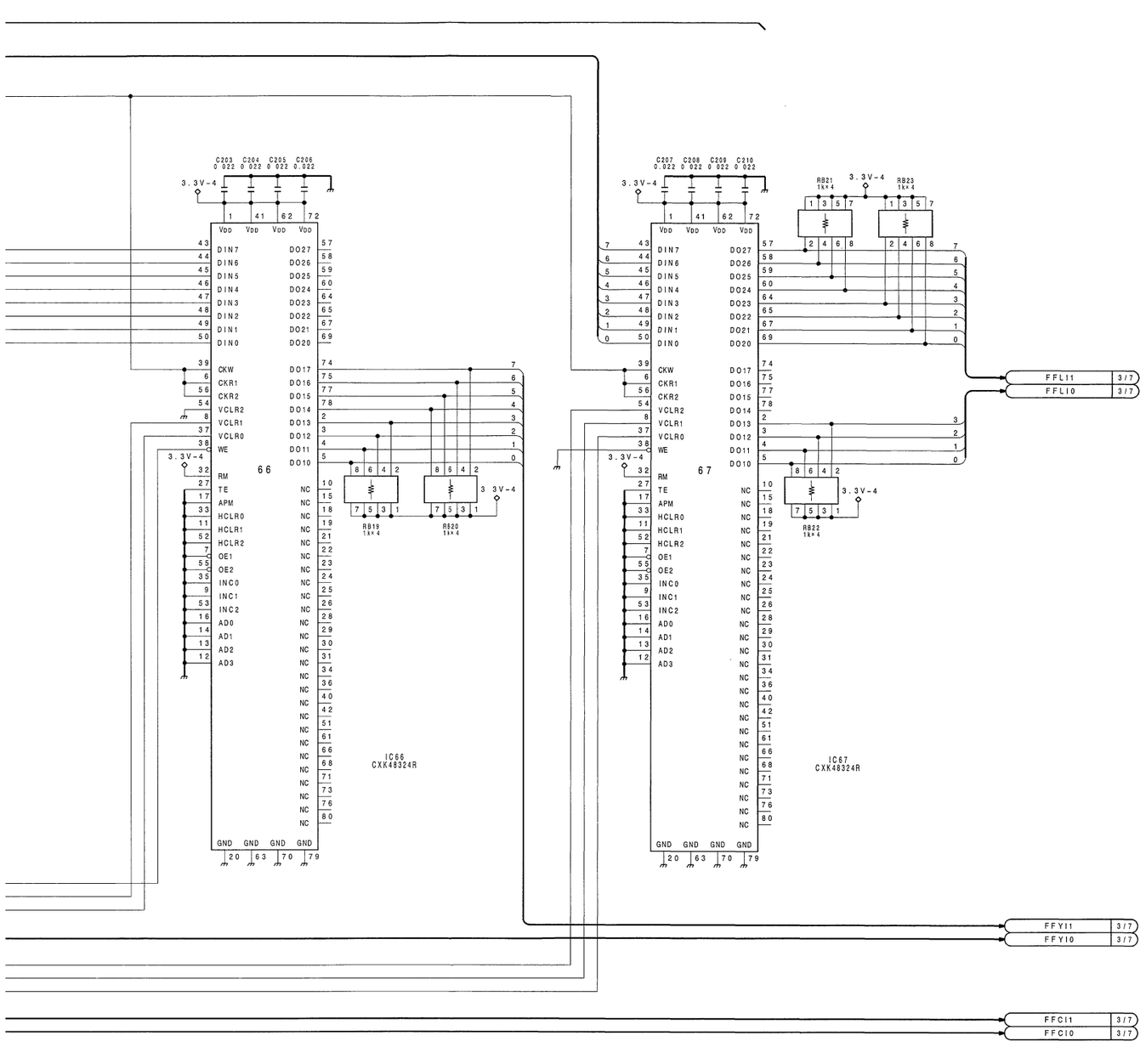
3/7 FFLO
3/7 FFYO
3/7 FCCK
3/7 VCLOR2
3/7 VCLOW
3/7 FFCO
3/7 VCLOR1C
3/7 FFWEN
3/7 VCLIR
3/7 VCLIW
3/7 VCLOR1Y
3/7 VCL2R2
3/7 VCL2R1
3/7 VCL2W

C191 0.022 C192 0.022 C193 0.022 C194 0.022
C195 0.022 C196 0.022 C197 0.022 C198 0.022
C199 0.022 C200 0.022 C201 0.022 C202 0.022
3.3V-4
RB9 1kx4 RB11 1kx4 RB13 1kx4 RB15 1kx4 RB17 1kx4
RB10 1kx4 RB12 1kx4 RB14 1kx4 RB16 1kx4 RB18 1kx4

63
64
65

VDD VDD VDD VDD
DIN7 DIN6 DIN5 DIN4 DIN3 DIN2 DIN1 DIN0
DO27 DO26 DO25 DO24 DO23 DO22 DO21 DO20
CKW CKR1 CKR2 VCLR2 VCLR1 VCLR0 WE
DO17 DO16 DO15 DO14 DO13 DO12 DO11 DO10
RM TE APM HCLR0 HCLR1 HCLR2 OE1 OE2 INC0 INC1 INC2 AD0 AD1 AD2 AD3
NC
GND GND GND GND

IC63 CXK48324R
IC64 CXK48324R
IC65 CXK48324R



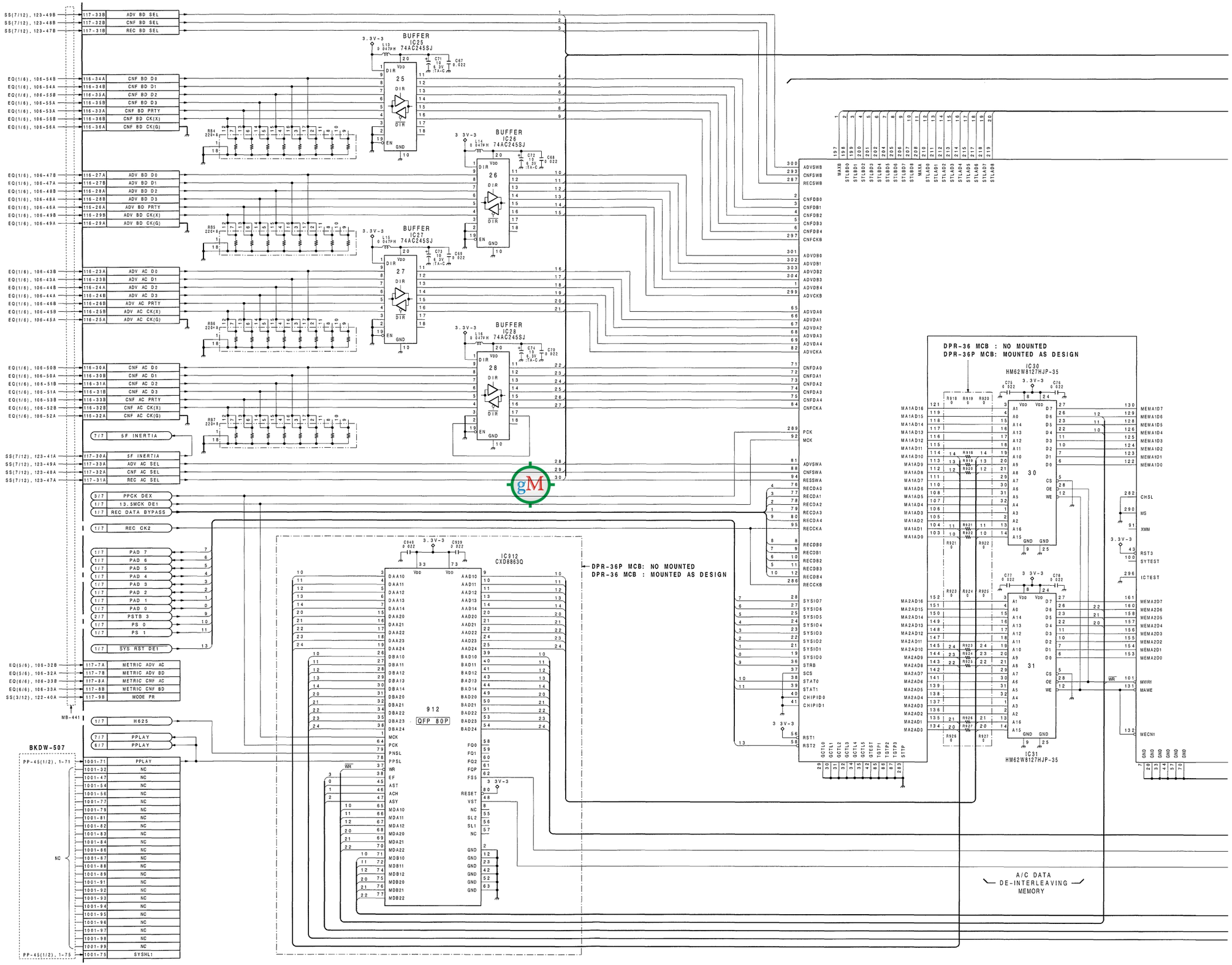
Concealment FIFO Memory

DPR-36 BOARD (4/7)

BOARD NO. 1-648-533-11
BOARD' S LOT NO. 302-303
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB

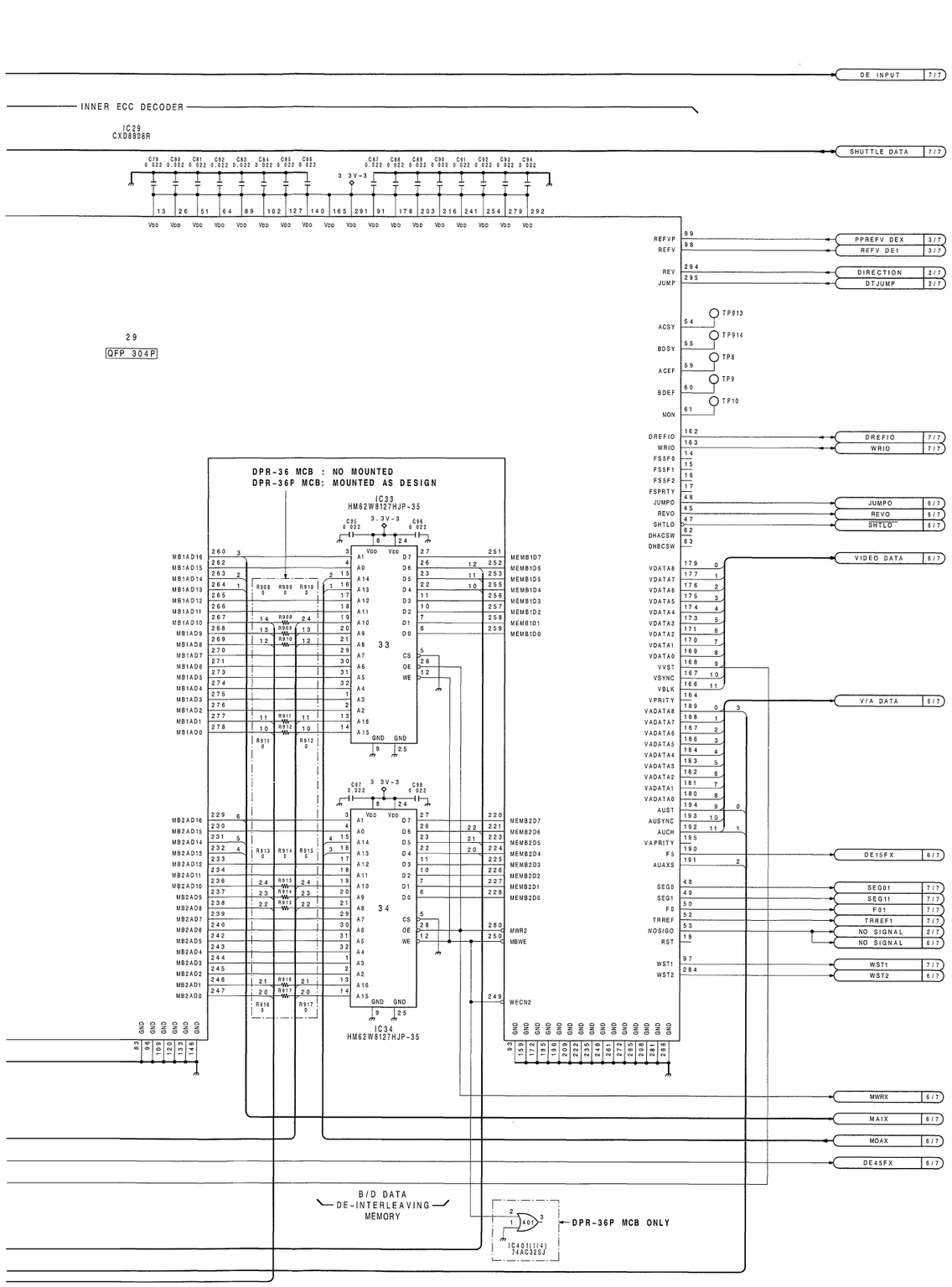
DVW-DPR36-ALL-REC-S/M-02-A

DPR-36 (5/7)



1-58 (a)

DPR-36 (5/7)



Inner ECC Decoder

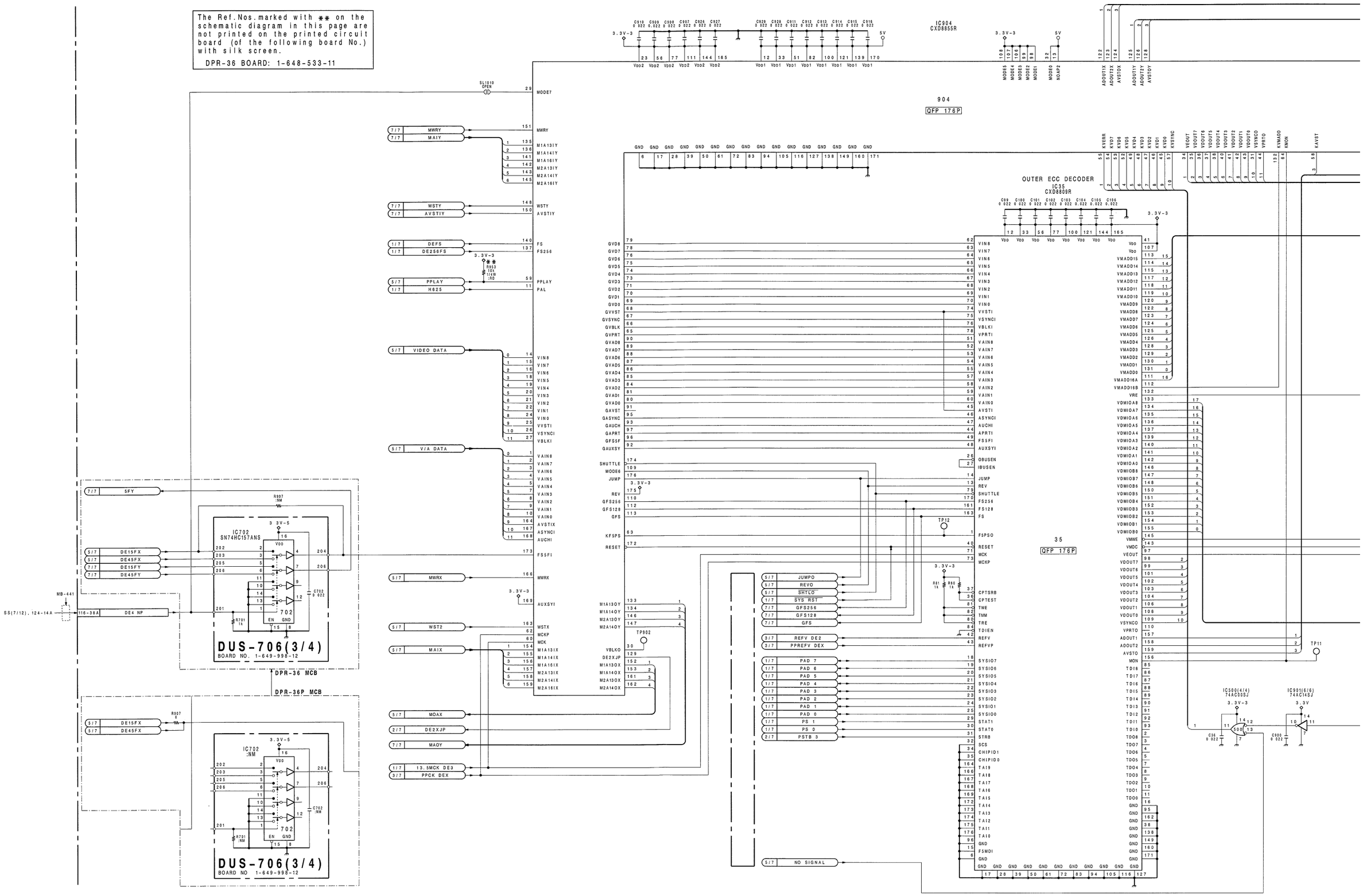
DPR-36 BOARD (5/7)

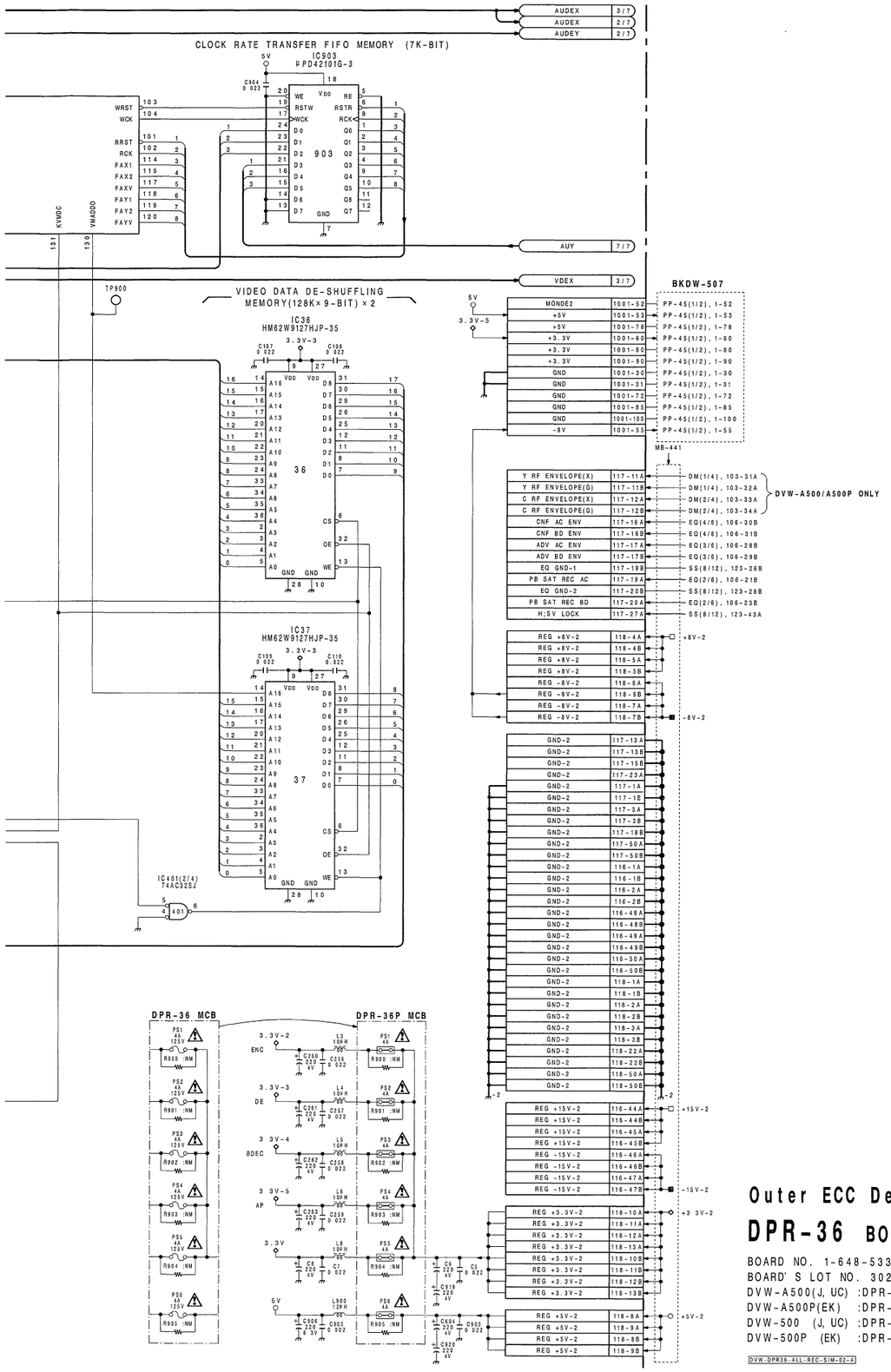
BOARD NO. 1-648-533-11
BOARD' S LOT NO. 302-303
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB

DVW-DPR36-ALL-REC-SYM-02-A

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DPR-36 BOARD: 1-648-533-11





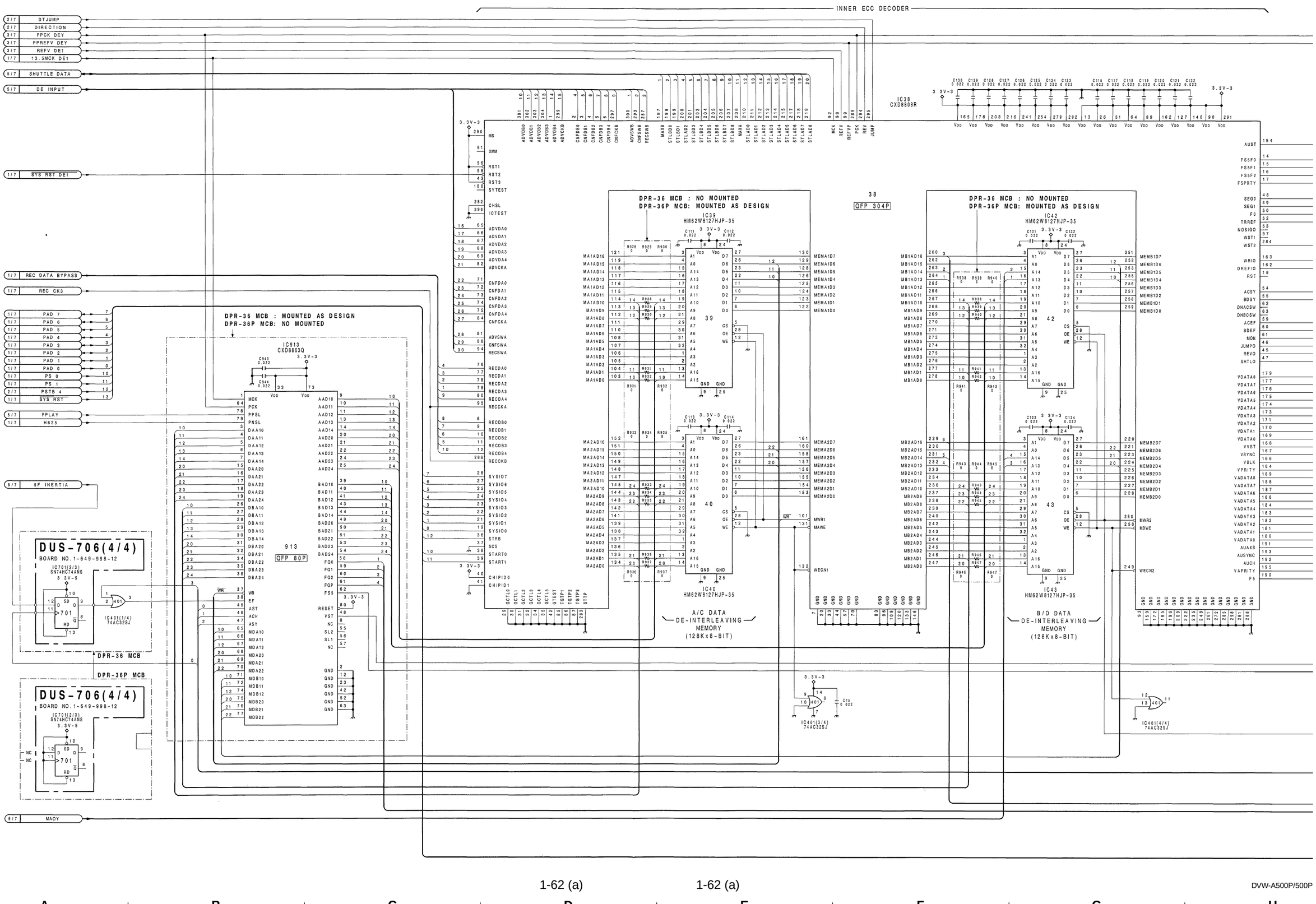
Outer ECC Decoder

DPR-36 BOARD (6/7)

BOARD NO. 1-648-533-11
BOARD' S LOT NO. 302-303
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB

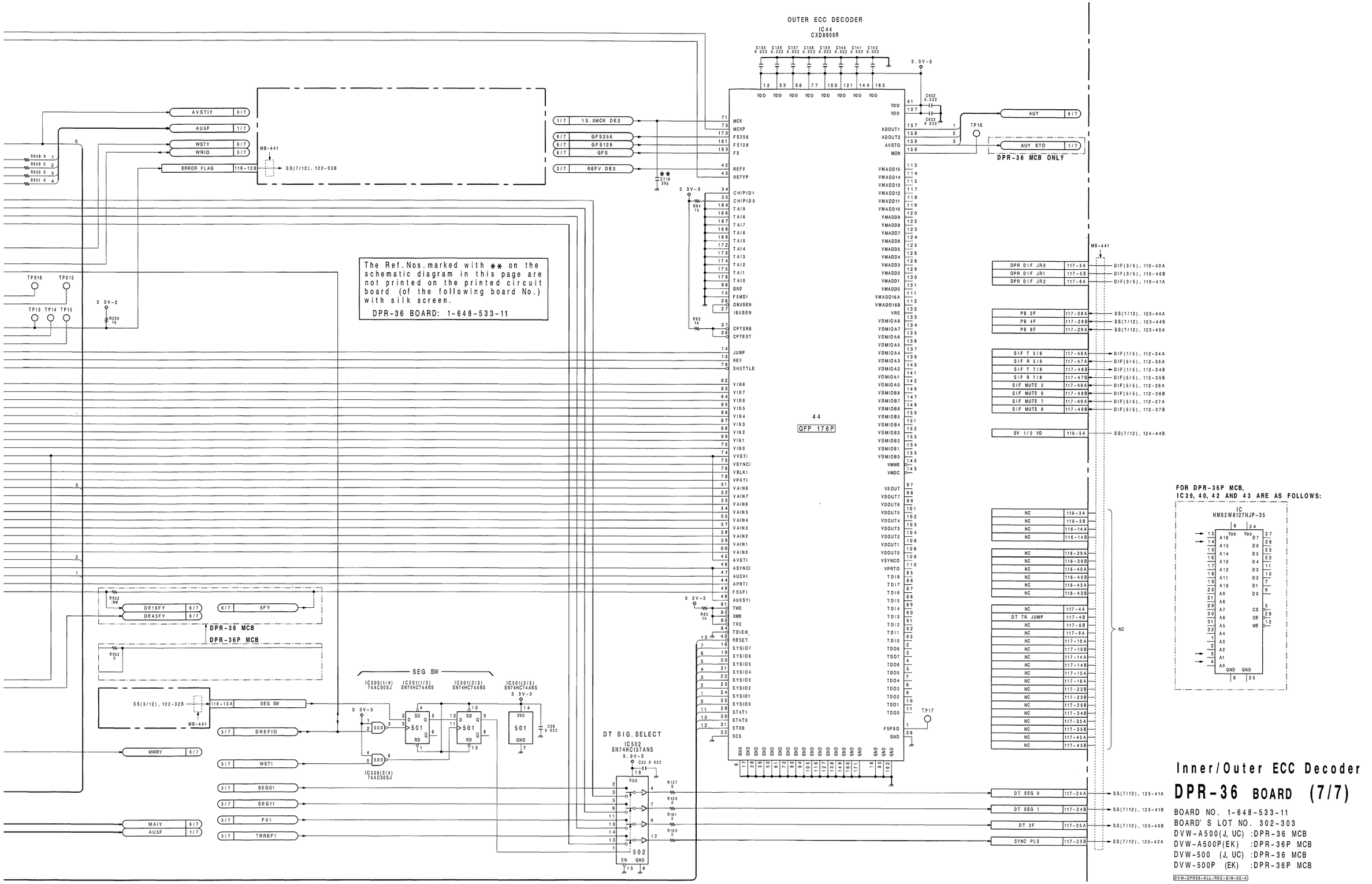
DVW-DPR36-ALL-REC-S/M-02-A

DPR-36 (7/7)



1-62 (a)

DPR-36 (7/7)



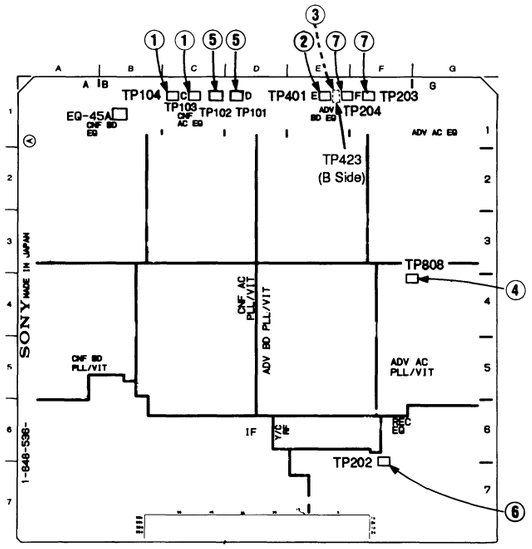
Inner/Outer ECC Decoder

DPR-36 BOARD (7/7)

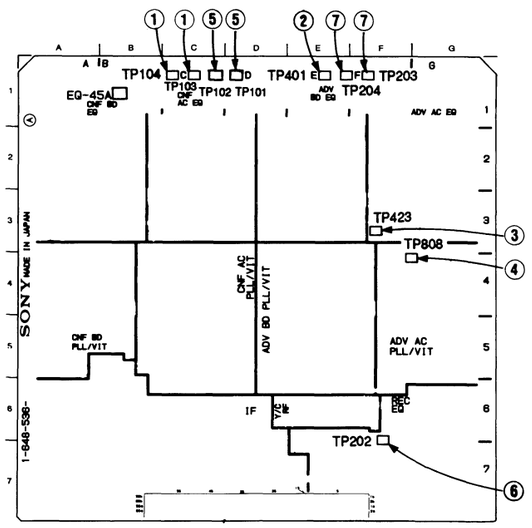
BOARD NO. 1-648-533-11
BOARD' S LOT NO. 302-303
DVW-A500(J, UC) :DPR-36 MCB
DVW-A500P(EK) :DPR-36P MCB
DVW-500 (J, UC) :DPR-36 MCB
DVW-500P (EK) :DPR-36P MCB

DVW-DPR36-ALL-REC-SYM-02-A

EQ-45 Board -A Side- (1-648-536-13/23)

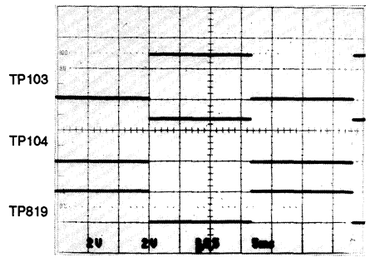


EQ-45 Board -A Side- (1-648-536-11, 12/22)

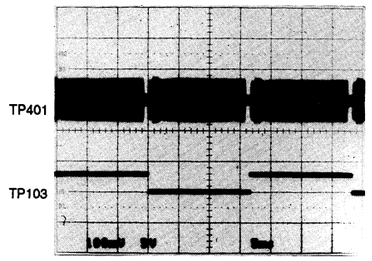


CR5-1B PB mode (DVW-A500 ONLY)

① TP103(C-1) PB mode
TP104(C-1) PB mode
TP819(SS-52)(J-1)(TRIG)

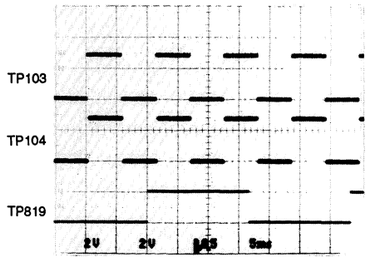


② TP401(E-1) PB mode(B/W LIMIT OFF)
TP103(C-1)(TRIG)

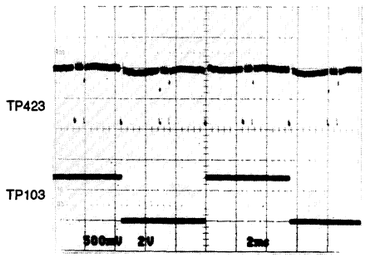


ZR5-1 PB mode

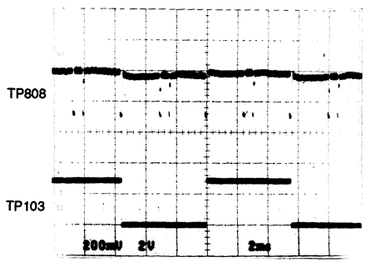
① TP103(C-1) PB mode
TP104(C-1) PB mode
TP819(SS-52)(J-1)(TRIG)



③ TP423 (E-1/F-3) PB mode
TP103(C-1)(TRIG)

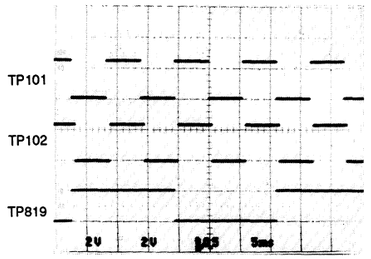


④ TP808(G-4) PB mode
TP103(C-1)(TRIG)

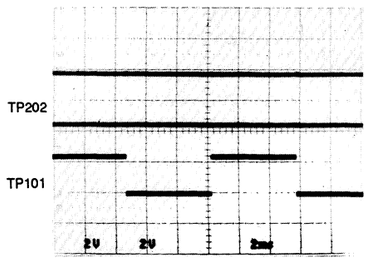


REC mode

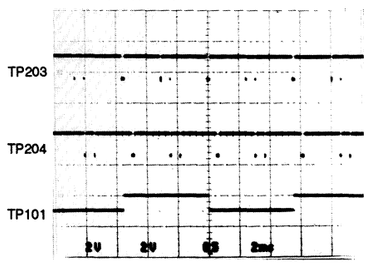
⑤ TP101(D-1) REC mode
TP102(C-1) REC mode
TP819(SS-52)(J-1)(TRIG)



⑥ TP202(F-6) REC mode
TP101(D-1)(TRIG)



⑦ TP203(F-1) REC mode
TP204(E-1) REC mode
TP103(C-1)(TRIG)

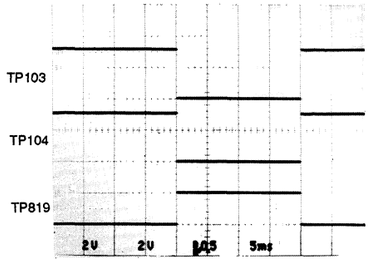


Measurement Condition
INPUT SIGNAL : 75% COLOR BARS
MODE : PB mode
: REC mode
TAPE : ZR5-1
: CR5-1B

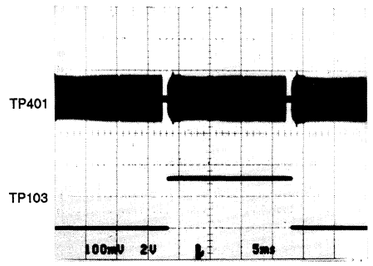
For DVW-A500/500

CR5-1BPS PB mode
(DVW-A500P ONLY)

①TP103(C-1) PB mode
TP104(C-1) PB mode
TP819(SS-52A/52)(J-1)(TRIG)

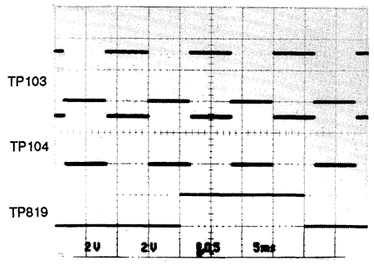


②TP401(E-1) PB mode(B/W LIMIT OFF)
TP103(C-1)(TRIG)

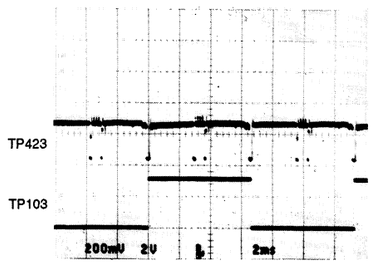


ZR5-1P PB mode

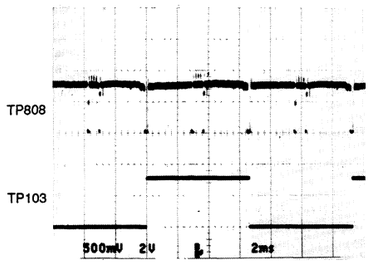
①TP103(C-1) PB mode
TP104(C-1) PB mode
TP819(SS-52A/52)(J-1)(TRIG)



③ TP423 (E-1/F-3) PB mode
TP103(C-1)(TRIG)

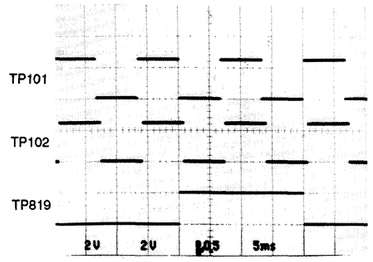


④TP808(G-4) PB mode
TP103(C-1)(TRIG)

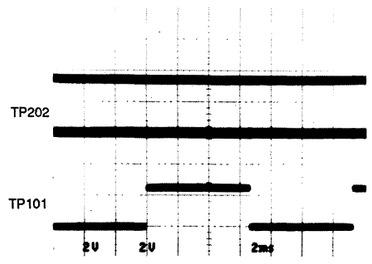


REC mode

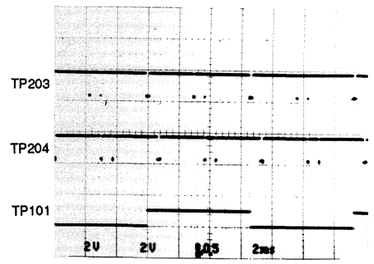
⑤TP101(D-1) REC mode
TP102(C-1) REC mode
TP819(SS-52A/52)(J-1)(TRIG)



⑥TP202(F-6) REC mode
TP101(D-1)(TRIG)



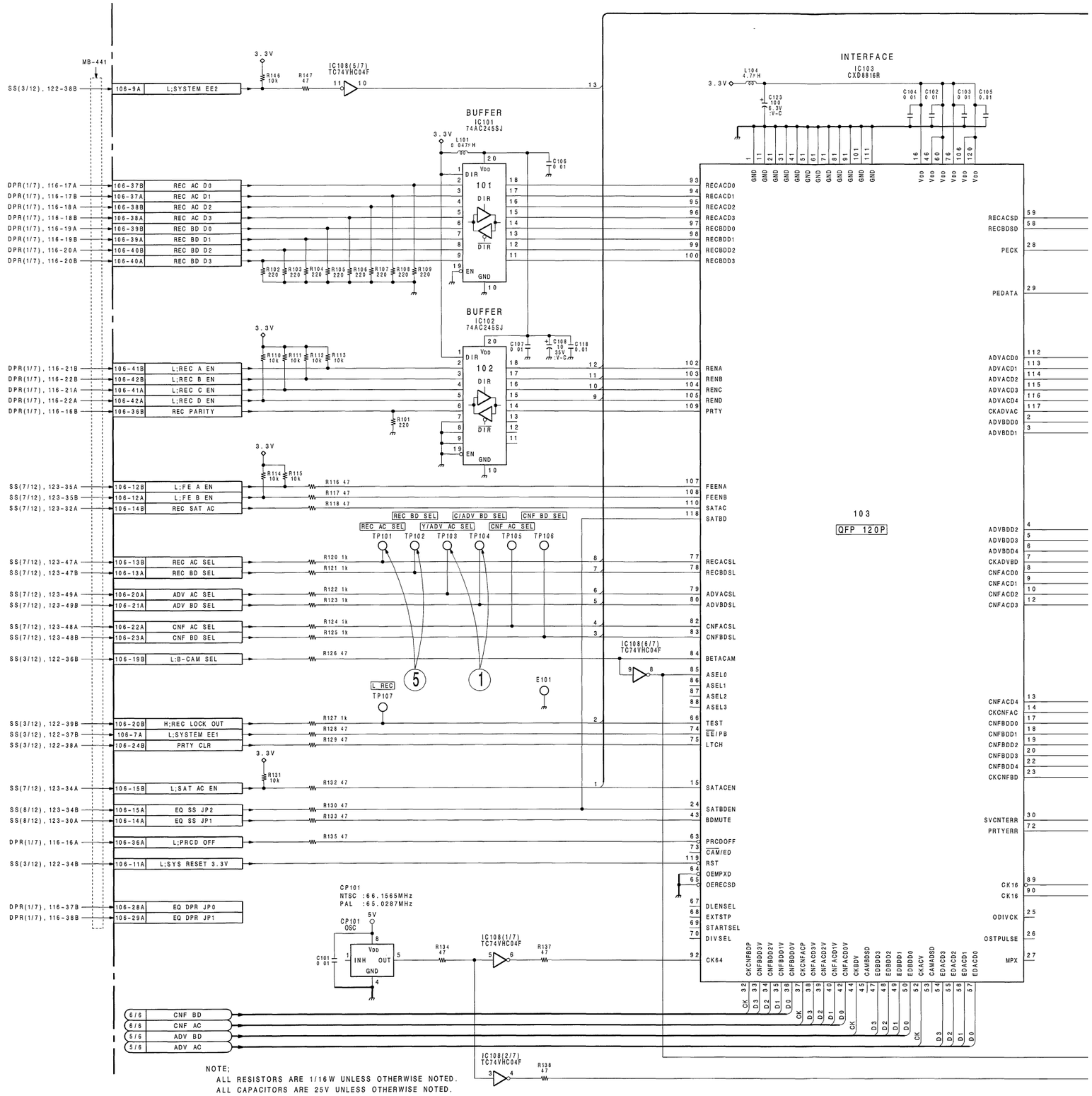
⑦TP203(F-1) REC mode
TP204(E-1) REC mode
TP103(C-1)(TRIG)



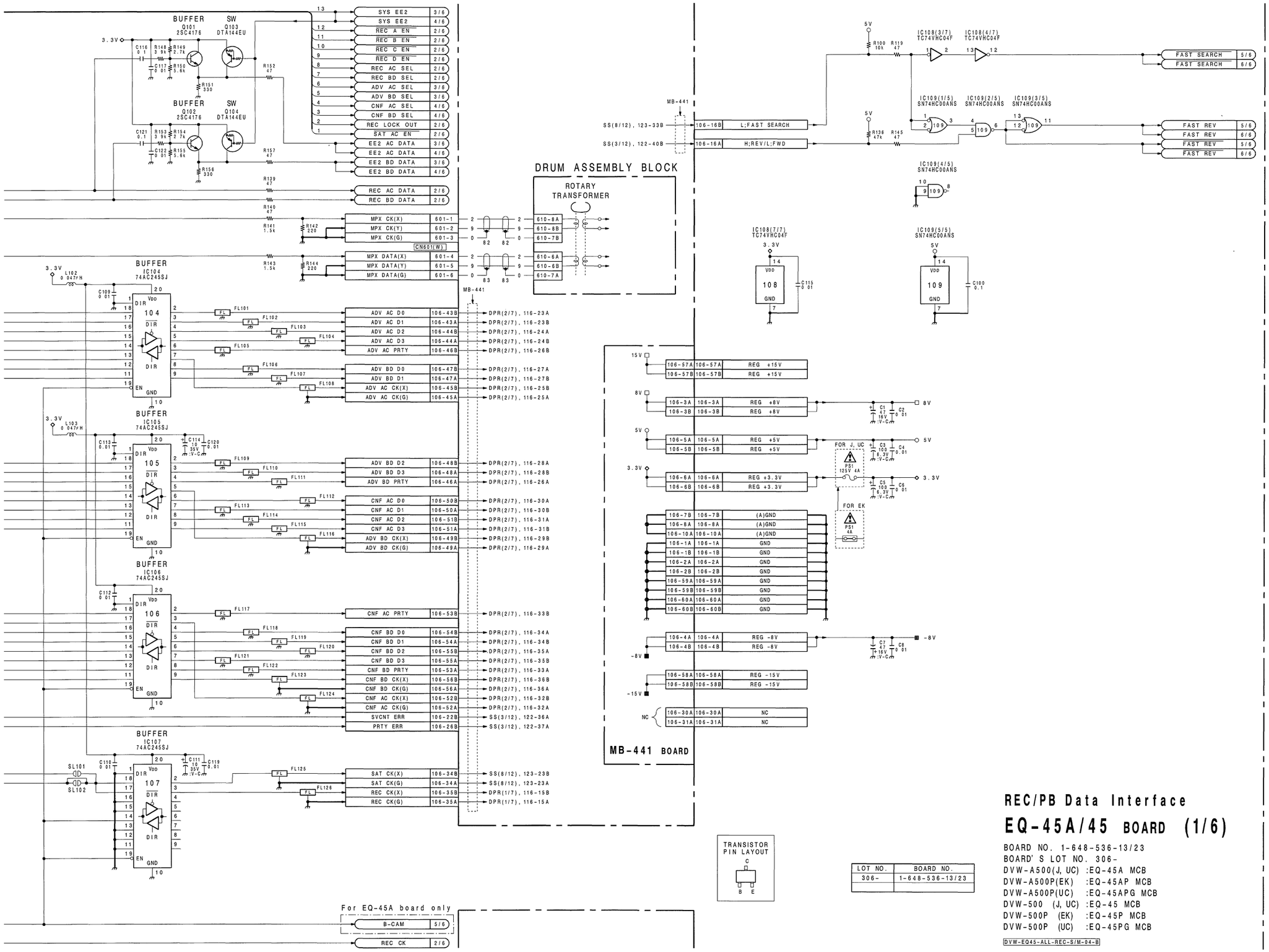
Measurement Condition
INPUT SIGNAL : 100% COLOR BARS
MODE : PB mode
: REC mode
TAPE : ZR5-1P
: CR5-1BPS

For DVW-A500P/500P

EQ-45A/45 (1/6)



1-68 (b)



LOT NO.	BOARD NO.
306-	1-648-536-13/23

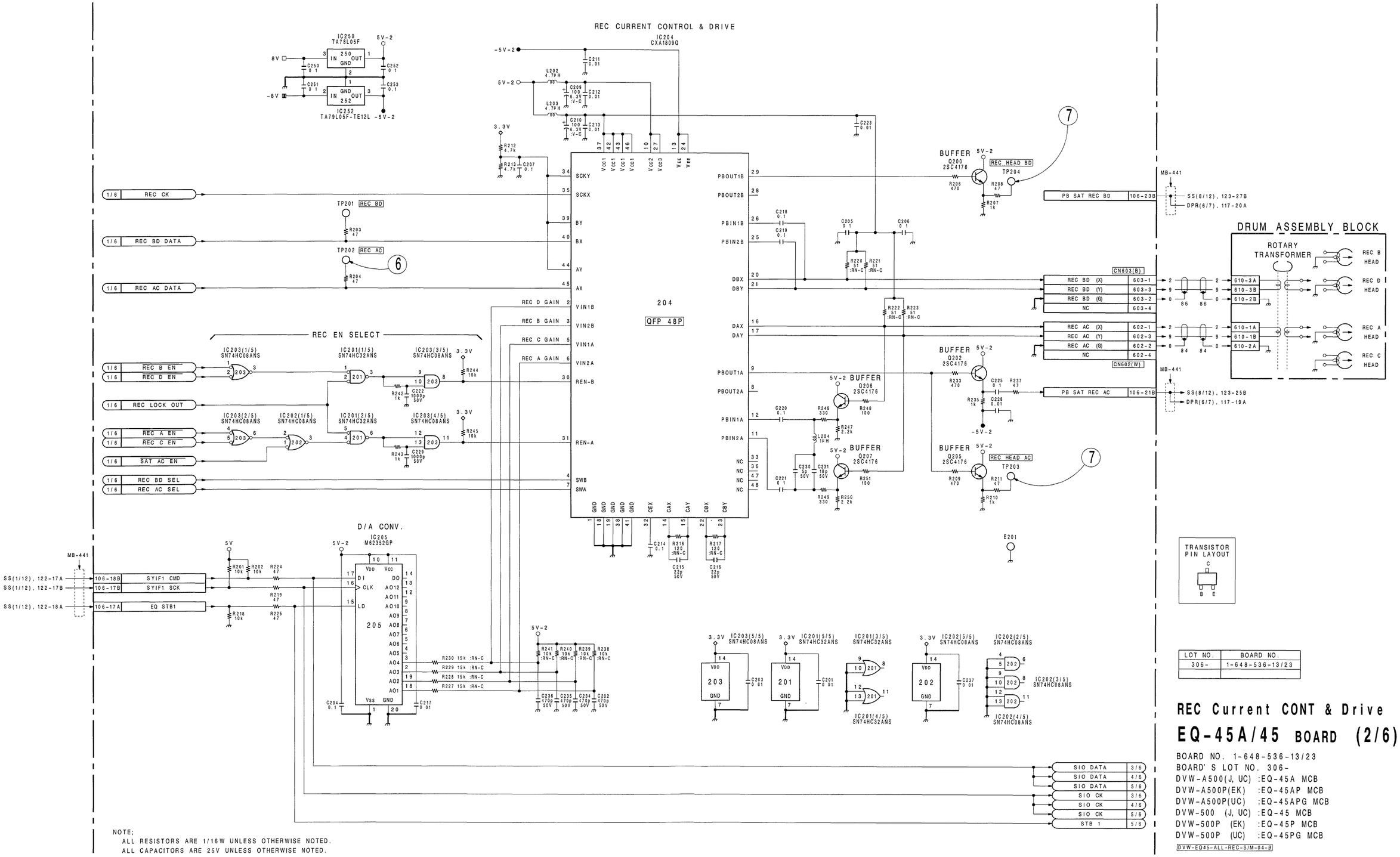
REC/PB Data Interface

EQ-45A/45 BOARD (1/6)

BOARD NO. 1-648-536-13/23
BOARD' S LOT NO. 306-
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB
DVW-500P (UC) :EQ-45PG MCB

DVW-EQ45-ALL-REC-S/M-04-B

EQ-45A/45 (2/6)



LOT NO.	BOARD NO.
306-	1-648-536-13/23

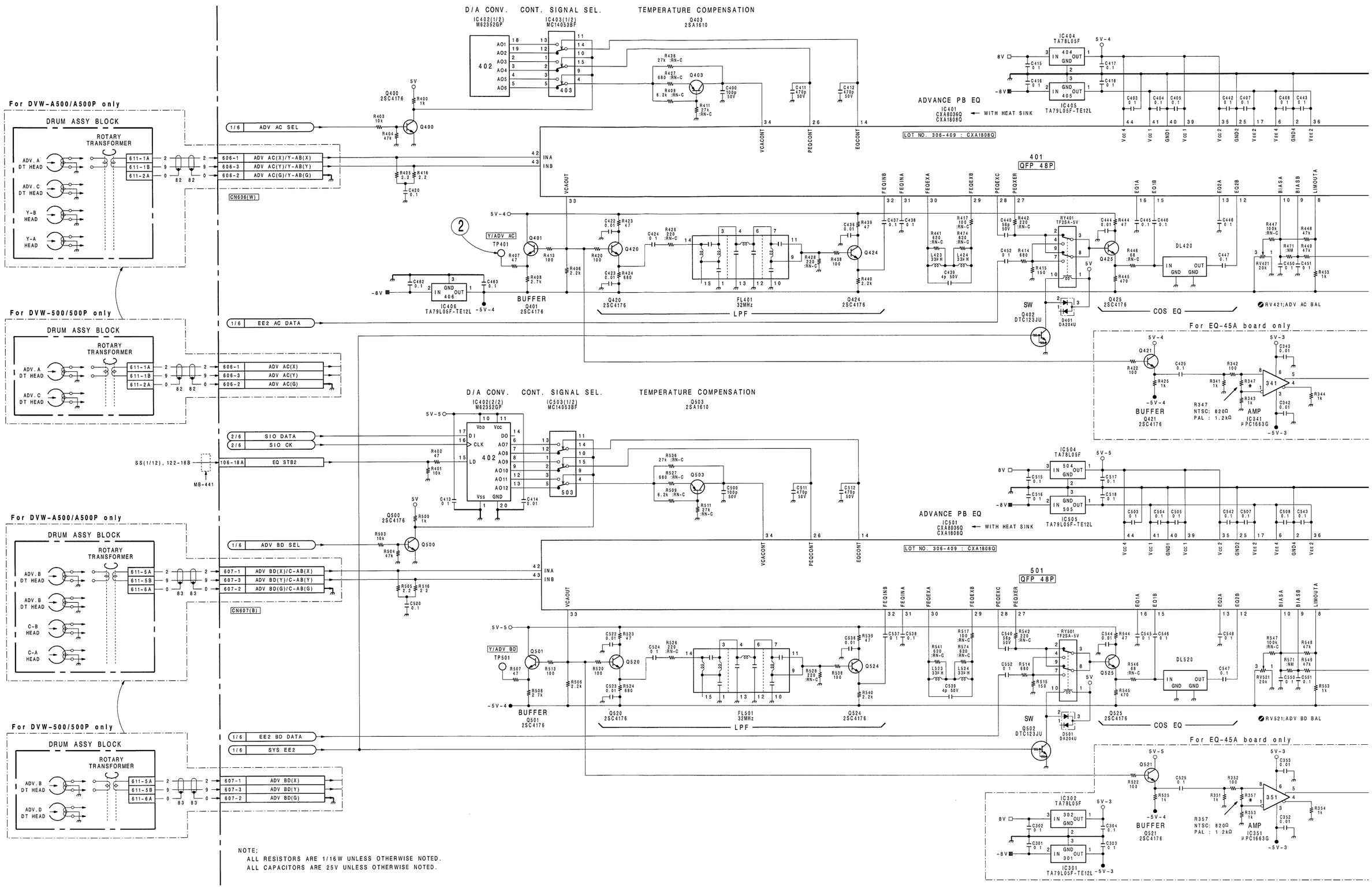
REC Current CONT & Drive

EQ-45A/45 BOARD (2/6)

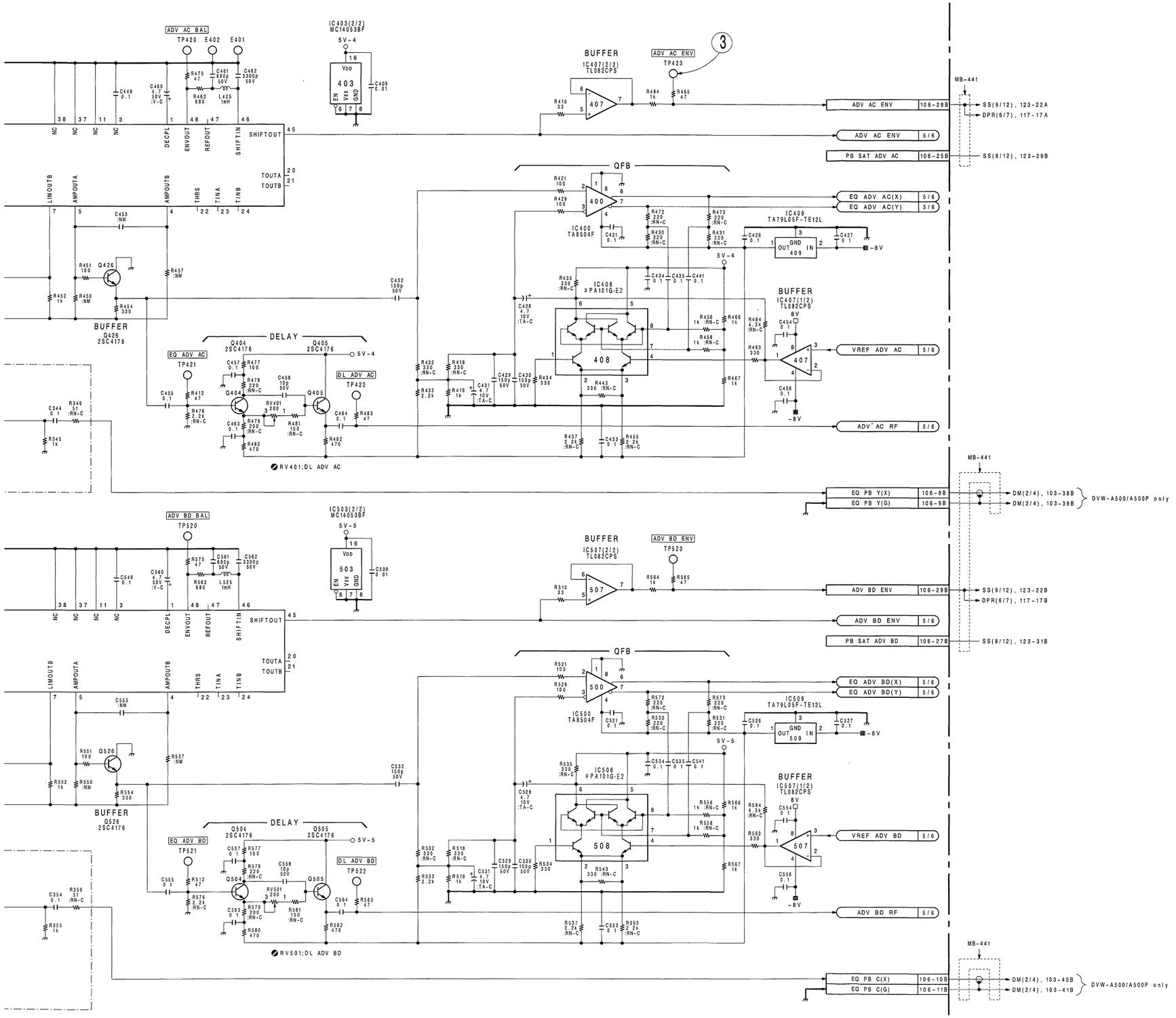
BOARD NO. 1-648-536-13/23
BOARD' S LOT NO. 306-
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB
DVW-500P (UC) :EQ-45PG MCB

DVW-EQ45-ALL-REC-S/M-04-B

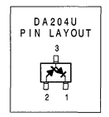
EQ-45A/45 (3/6)


D/A CONV.
CONT. SIGNAL SEL.
TEMPERATURE COMPENSATION
IC402(1/2) M62352GP
IC403(1/2) MC14053BF
Q403 2SA1610
For DVW-A500/A500P only
DRUM ASSY BLOCK
ROTARY TRANSFORMER
ADV. A DT HEAD
ADV. C DT HEAD
Y-B HEAD
Y-A HEAD
611-1A
611-1B
611-2A
606-1 ADV AC(X)/Y-AB(X)
606-3 ADV AC(Y)/Y-AB(Y)
606-2 ADV AC(G)/Y-AB(G)
CN606(W)
1/6 ADV AC SEL
1/6 EE2 AC DATA
For DVW-500/500P only
606-1 ADV AC(X)
606-3 ADV AC(Y)
606-2 ADV AC(G)
ADVANCE PB EQ
IC401 CXA8036Q CXA1808Q
WITH HEAT SINK
LOT NO. 306-409 : CXA1808Q
IC404 TA78L05F
IC405 TA79L05F-TE12L
401 QFP 48P
Y/ADV AC
TP401
BUFFER
Q401 2SC4176
Q420 2SC4176
Q424 2SC4176
FL401 32MHz
LPF
RV401 TP23A-5V
SW DTC123JU
D401 DA204U
Q425 2SC4176
COS EQ
DL420
RV421;ADV AC BAL
For EQ-45A board only
Q421 2SC4176
AMP IC341 μPC1663G
R347 NTSC: 820Ω PAL : 1.2kΩ
SS(1/12), 122-18B
MB-441
2/6 SIO DATA
2/6 SIO CK
106-18A EQ STB2
IC402(2/2) M62352GP
IC503(1/2) MC14053BF
Q503 2SA1610
For DVW-A500/A500P only
DRUM ASSY BLOCK
ROTARY TRANSFORMER
ADV. B DT HEAD
ADV. B DT HEAD
C-B HEAD
C-A HEAD
611-5A
611-5B
611-6A
607-1 ADV BD(X)/C-AB(X)
607-3 ADV BD(Y)/C-AB(Y)
607-2 ADV BD(G)/C-AB(G)
CN607(B)
1/6 ADV BD SEL
1/6 EE2 BD DATA
1/6 SYS EE2
For DVW-500/500P only
607-1 ADV BD(X)
607-3 ADV BD(Y)
607-2 ADV BD(G)
ADV. D DT HEAD
Y/ADV BD
TP501
Q501 2SC4176
Q520 2SC4176
Q524 2SC4176
FL501 32MHz
LPF
RV501 TP23A-5V
SW DTC123JU
D501 DA204U
Q525 2SC4176
COS EQ
DL520
RV521;ADV BD BAL
For EQ-45A board only
Q521 2SC4176
AMP IC351 μPC1663G
R357 NTSC: 820Ω PAL : 1.2kΩ
IC504 TA78L05F
IC505 TA79L05F-TE12L
501 QFP 48P
IC302 TA78L05F
IC301 TA79L05F-TE12L
NOTE;
ALL RESISTORS ARE 1/16W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

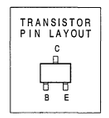
EQ-45A/45 (3/6)



DA204U PIN LAYOUT



TRANSISTOR PIN LAYOUT



LOT NO.	BOARD NO.
306-	1-648-536-13/23

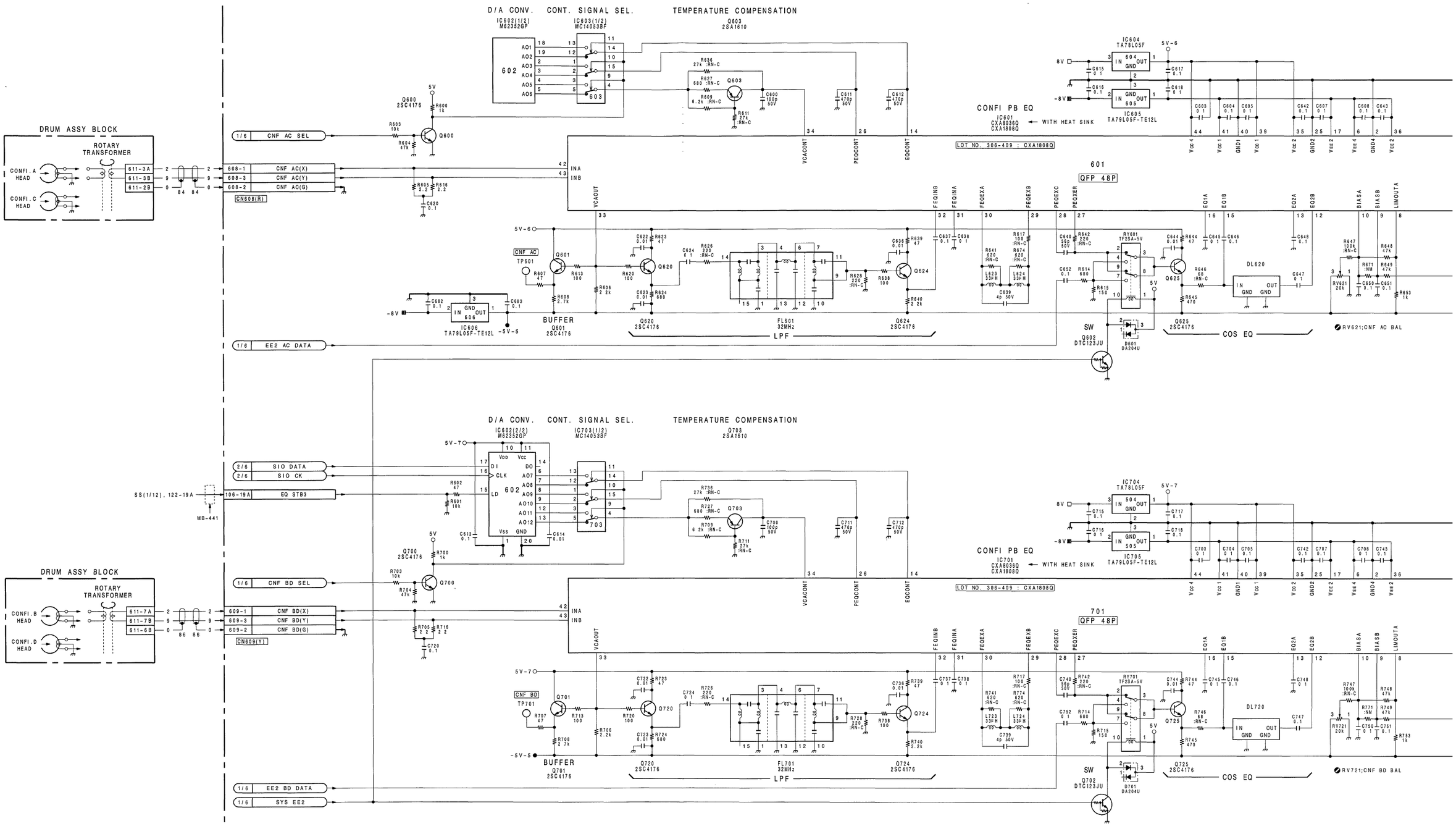
Advanced PB EQ

EQ-45A/45 BOARD (3/6)

BOARD NO. 1-648-539-13/23
BOARD' S LOT NO. 306-
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB
DVW-500P (UC) :EQ-45PG MCB

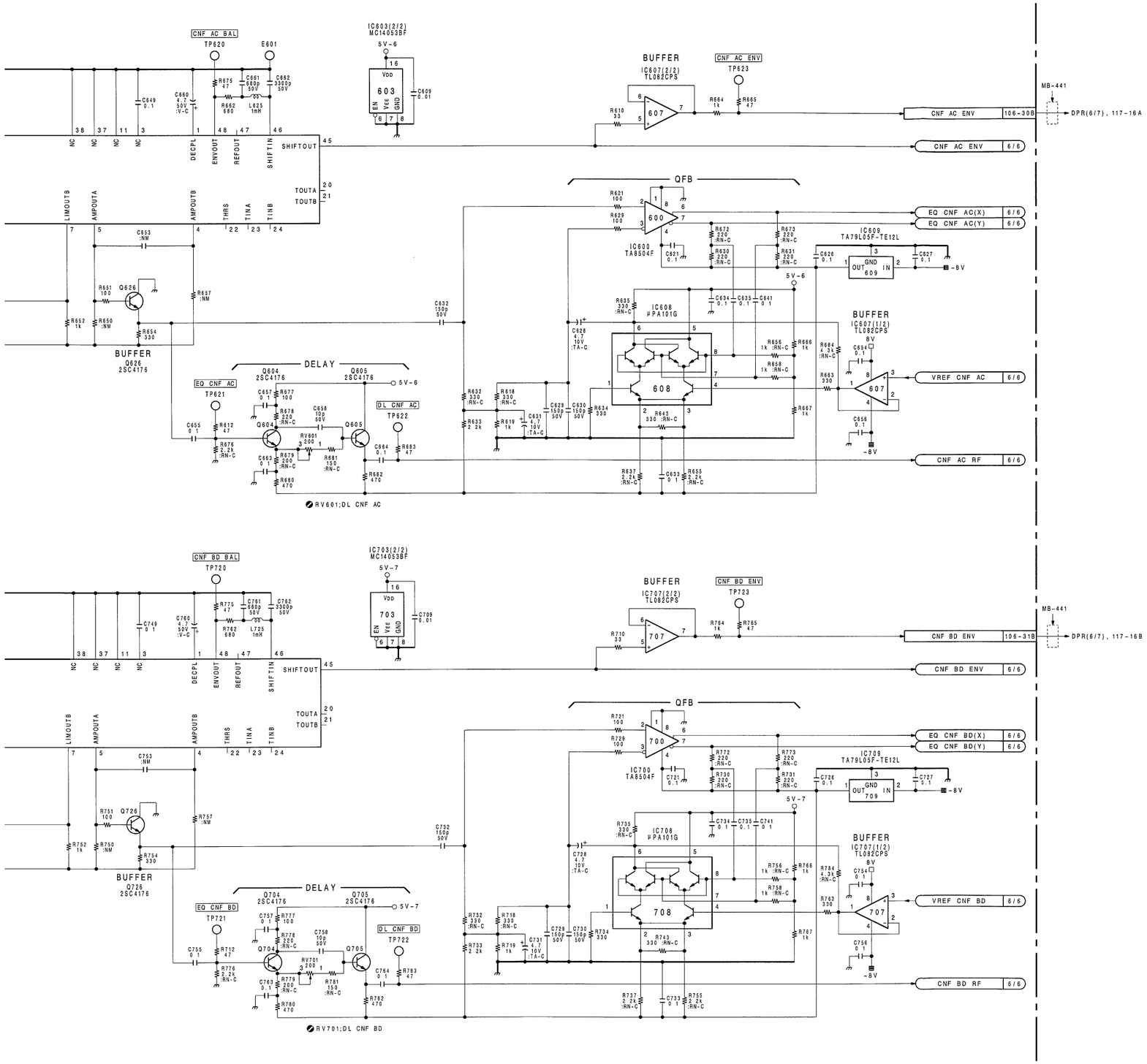
DVW-EQ45-ALL-REC-S/M-04-B

EQ-45A/45 (4/6)

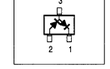


NOTE;
ALL RESISTORS ARE 1/16W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

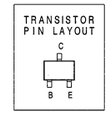
1-74 (b)



DA204U
PIN LAYOUT



TRANSISTOR
PIN LAYOUT



LOT NO.	BOARD NO.
306-	1-648-536-13/23

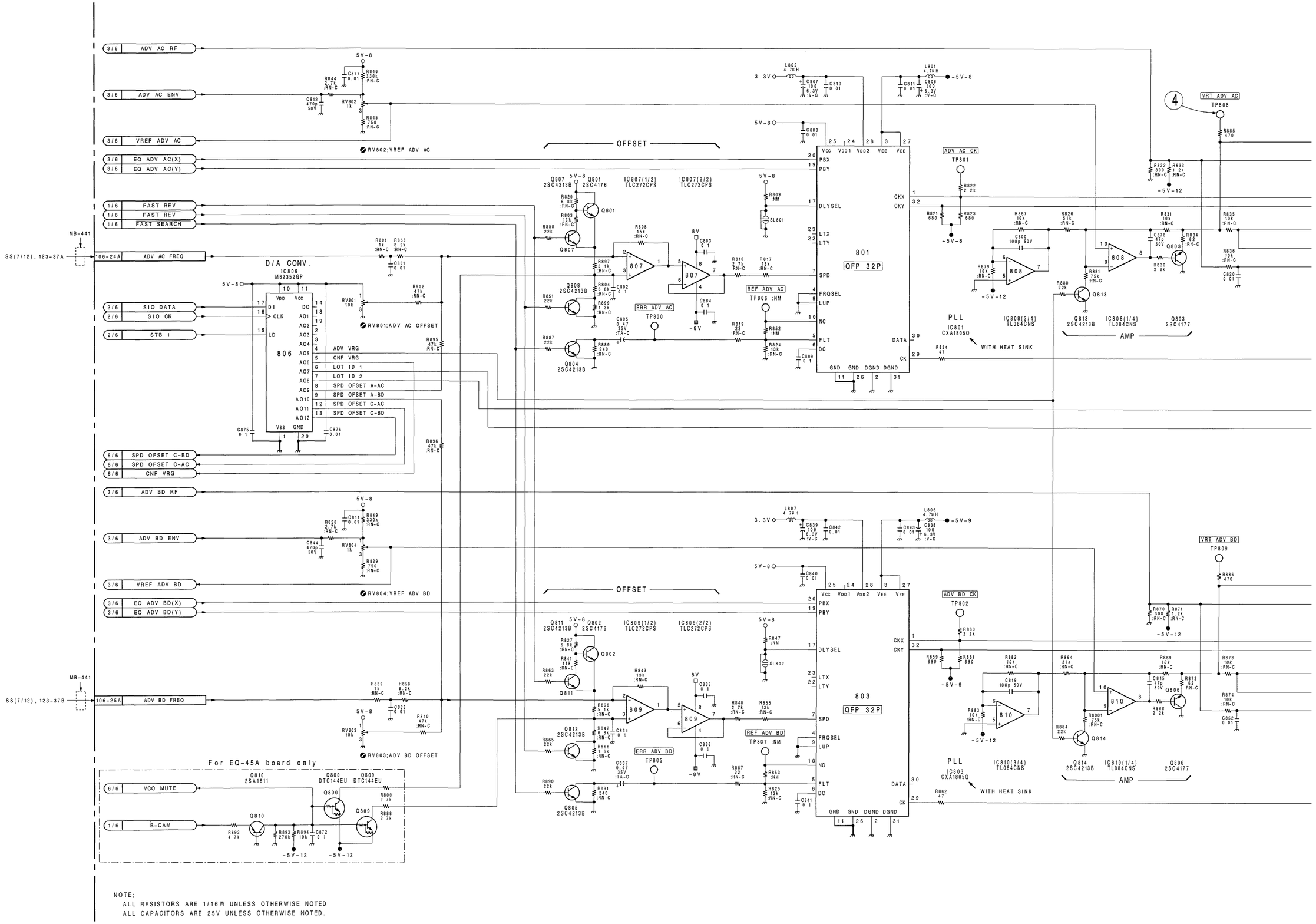
Confi PB EQ

EQ-45A/45 BOARD (4/6)

BOARD NO. 1-648-536-13/23
BOARD' S LOT NO. 306-
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB
DVW-500P (UC) :EQ-45PG MCB

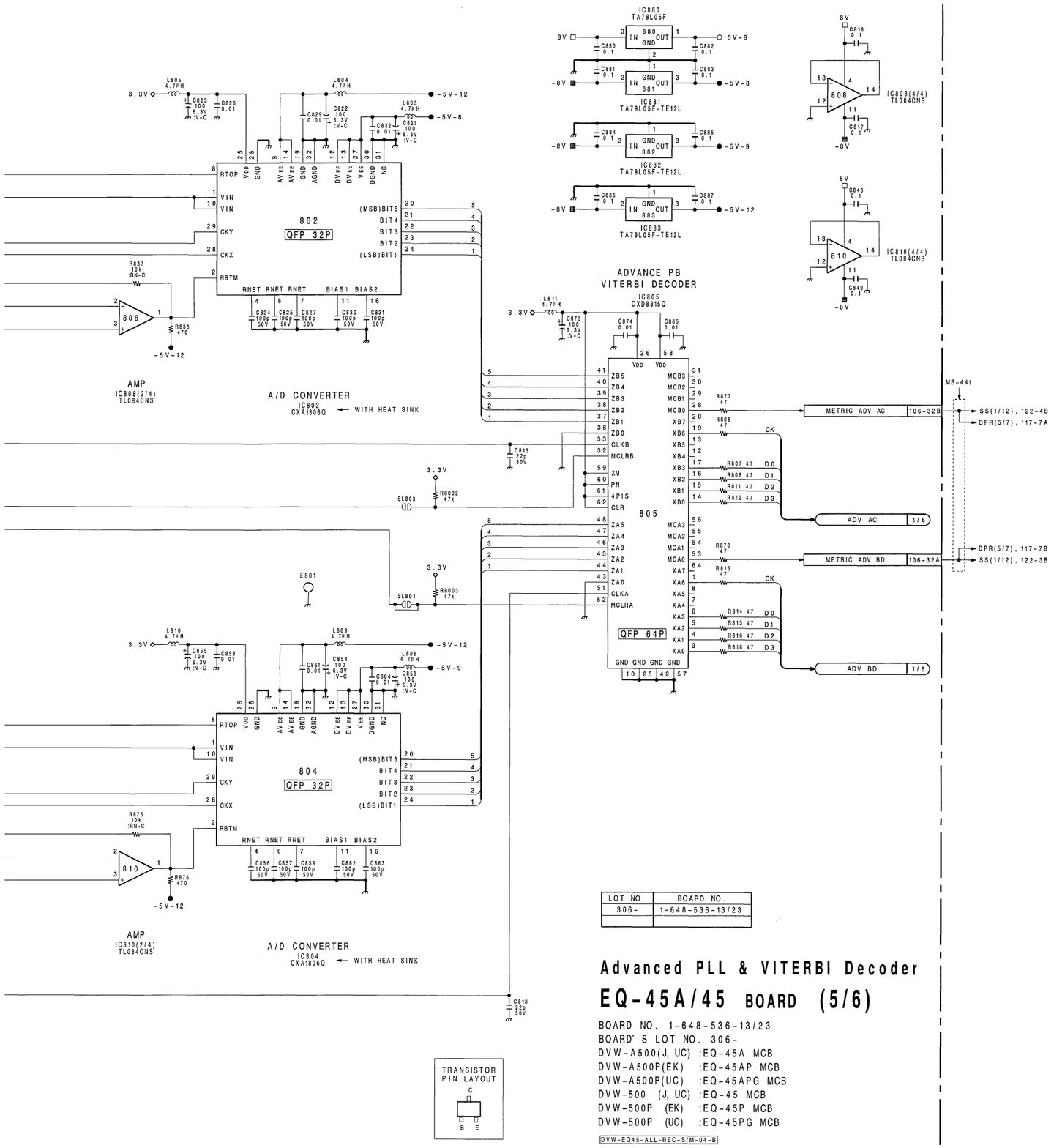
DVW-EQ45-ALL-REC-S/M-04-B

EQ-45A/45 (5/6)



1-76 (b)

EQ-45A/45 (5/6)



LOT NO.	BOARD NO.
306-	1-648-536-13/23

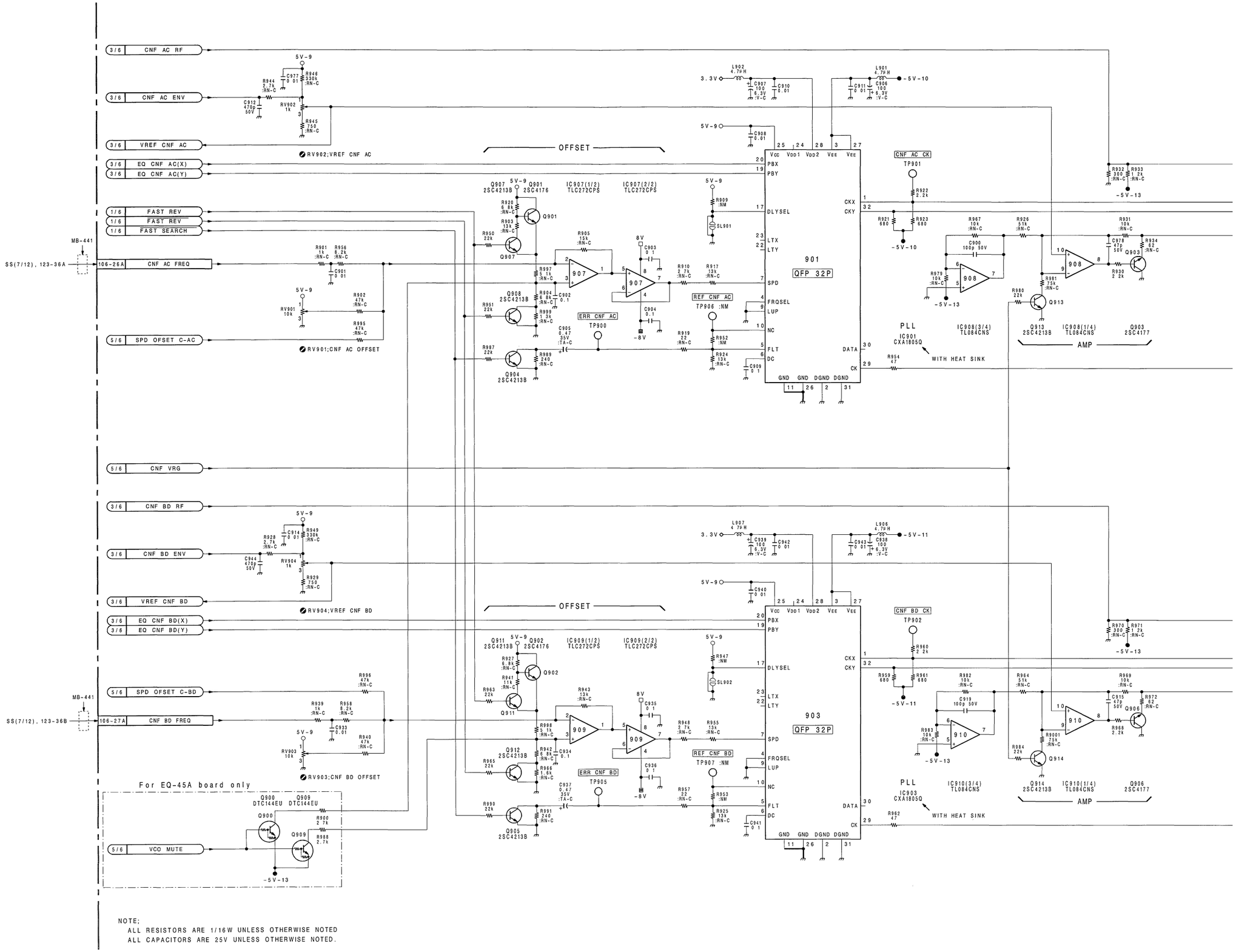
Advanced PLL & VITERBI Decoder

EQ-45A/45 BOARD (5/6)

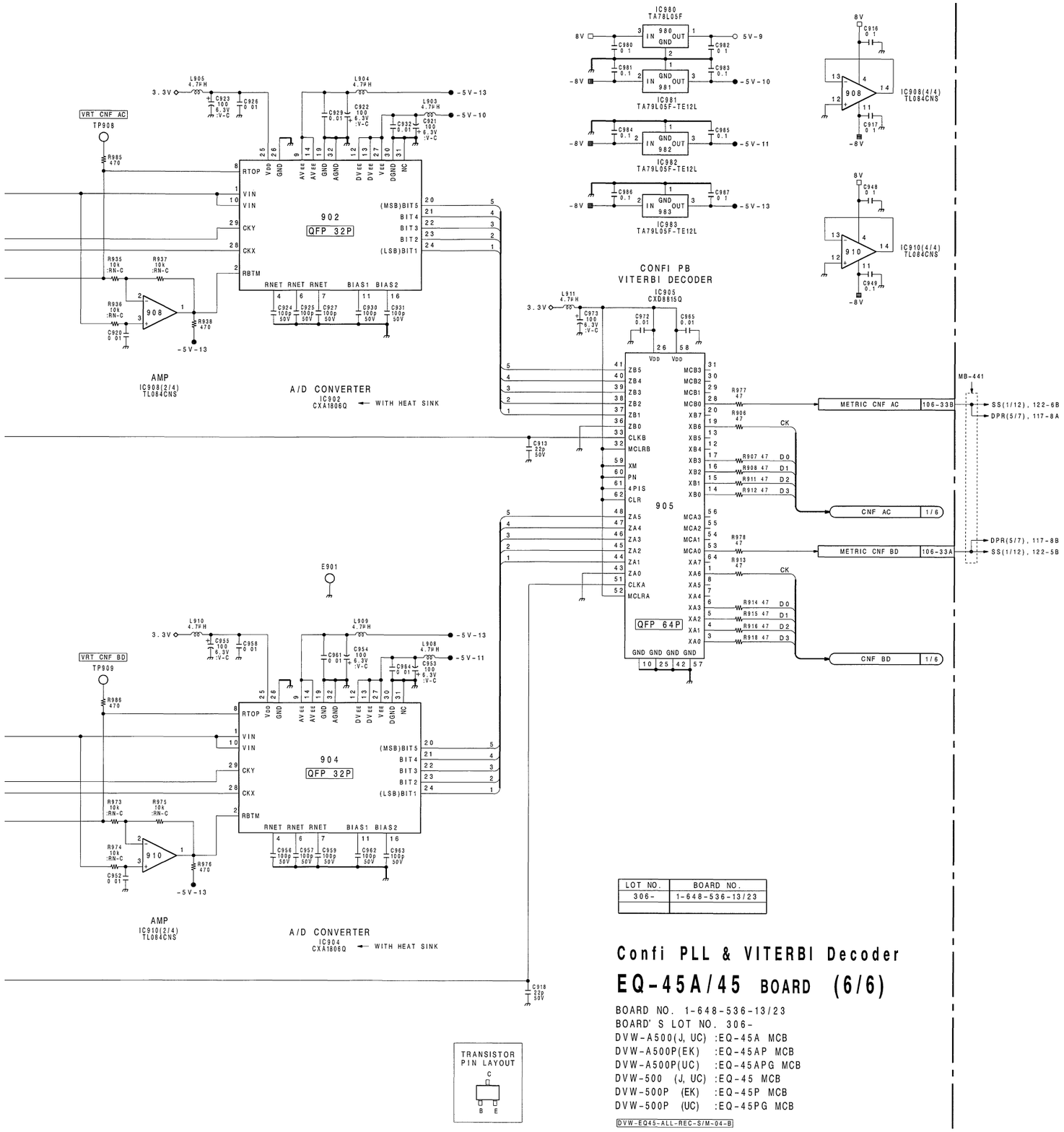
BOARD NO. 1-648-536-13/23
BOARD' S LOT NO. 306-
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB
DVW-500P (UC) :EQ-45PG MCB

DVW-EQ45-ALL-REC-S/M-04-B

EQ-45A/45 (6/6)



1-78 (b)



LOT NO.	BOARD NO.
306-	1-648-536-13/23

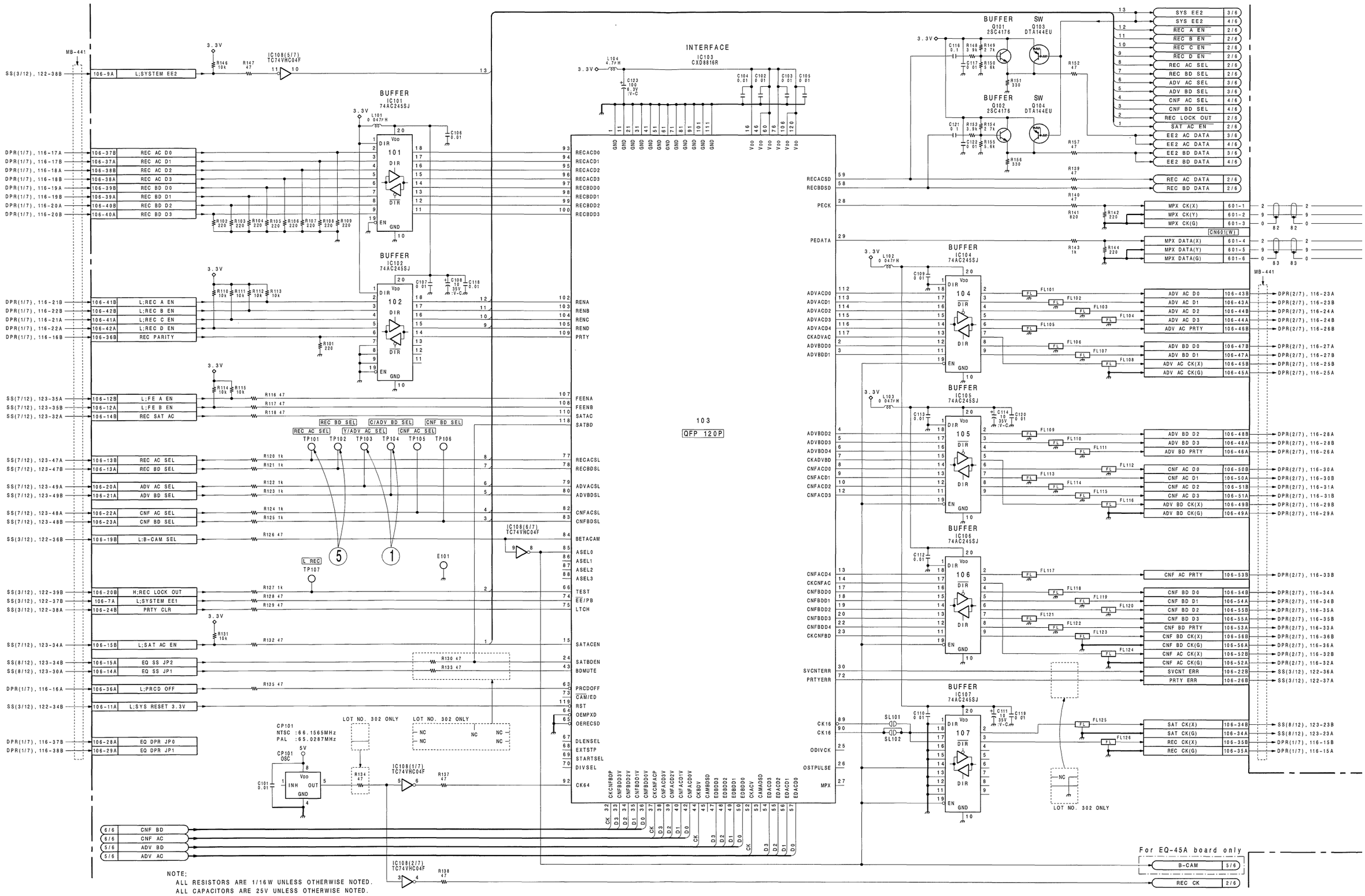
Confi PLL & VITERBI Decoder

EQ-45A/45 BOARD (6/6)

BOARD NO. 1-648-536-13/23
BOARD' S LOT NO. 306-
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB
DVW-500P (UC) :EQ-45PG MCB

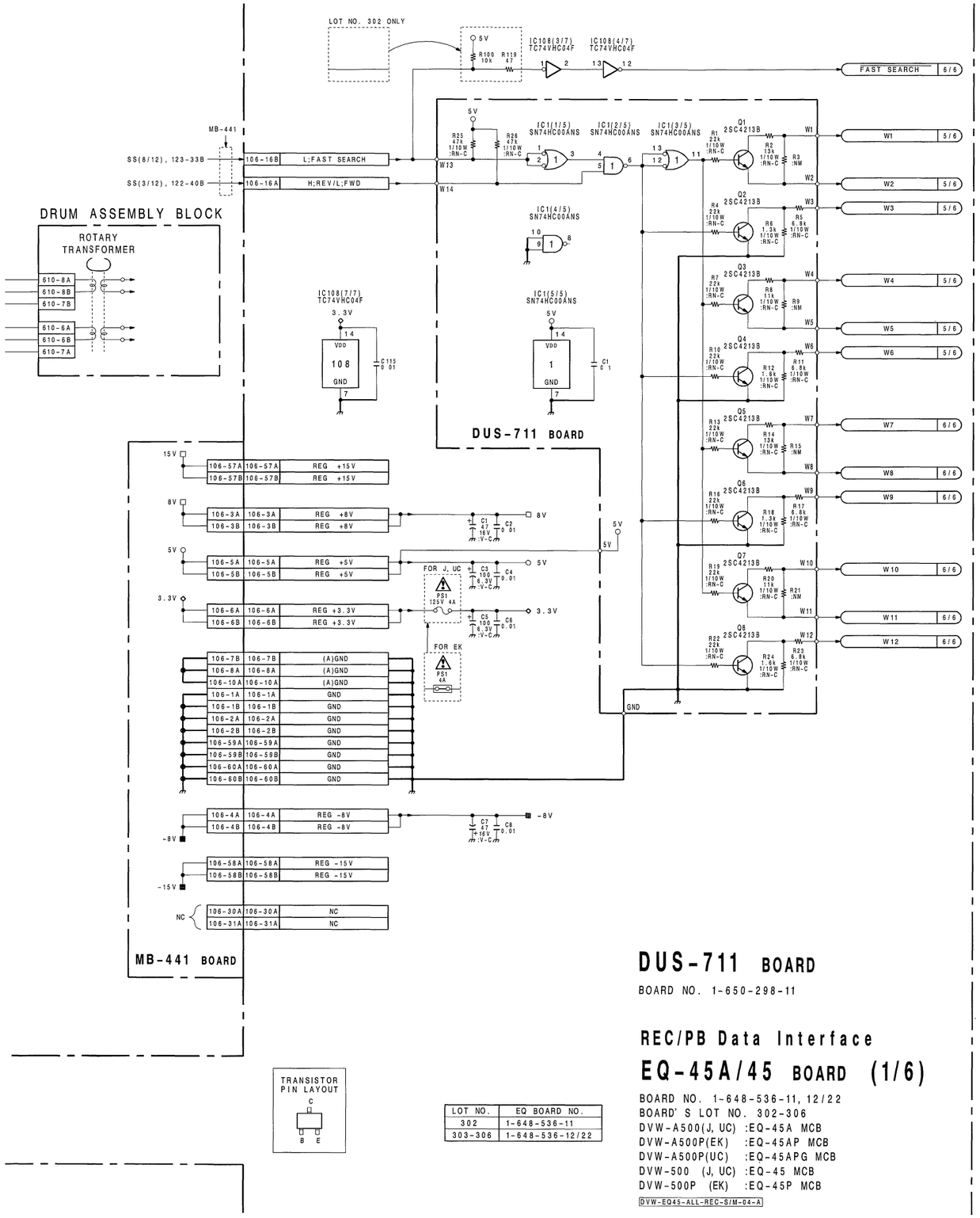
DVW-EQ45-ALL-REC-S/M-04-B

EQ-45A/45 (1/6)



1-68 (a)

EQ-45A/45 (1/6)



LOT NO.	EQ BOARD NO.
302	1-648-536-11
303-306	1-648-536-12/22

DUS-711 BOARD

BOARD NO. 1-650-298-11

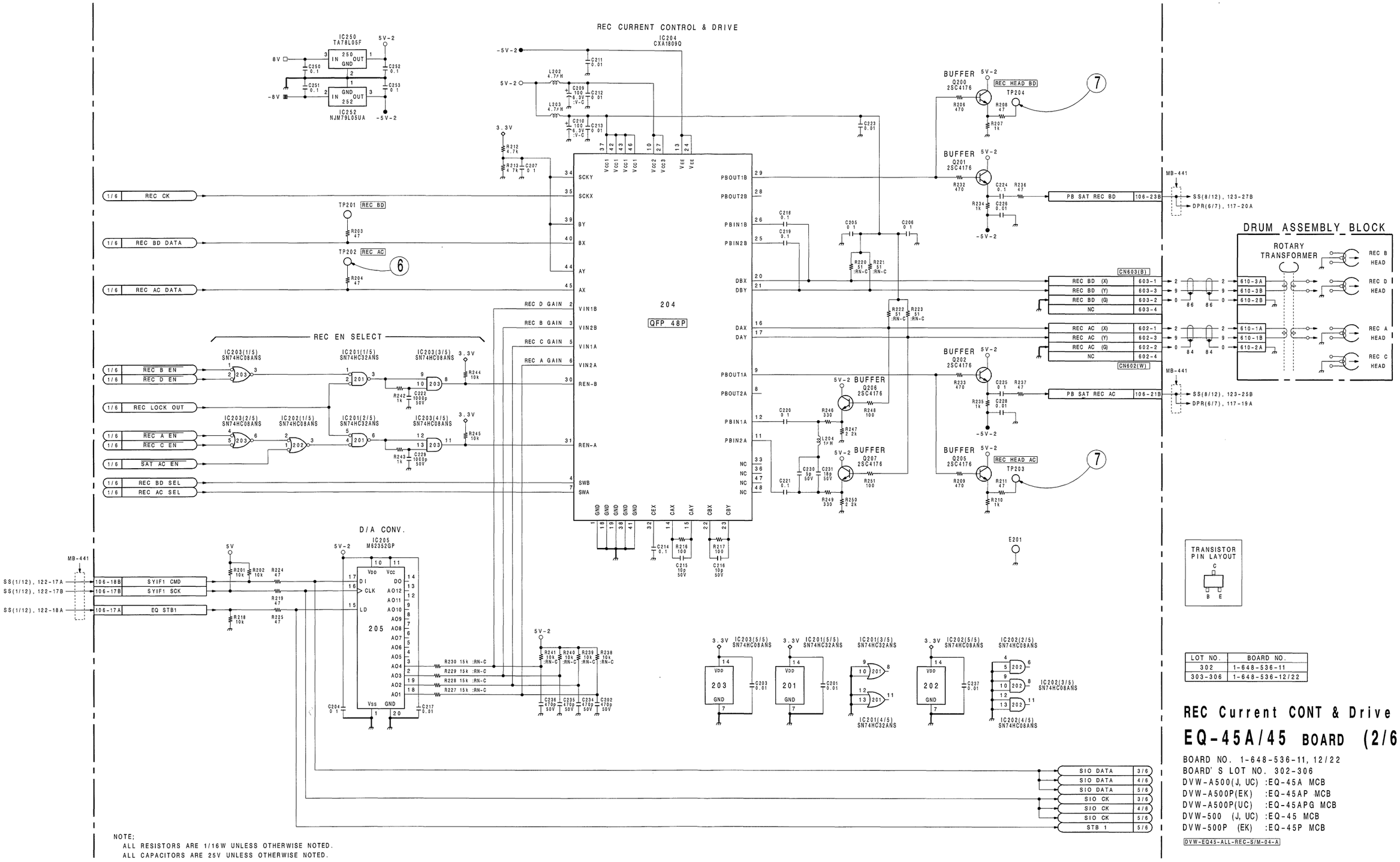
REC/PB Data Interface

EQ-45A/45 BOARD (1/6)

BOARD NO. 1-648-536-11, 12/22
BOARD' S LOT NO. 302-306
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB

DVW-EQ45-ALL-REC-S/M-04-A

EQ-45A/45 (2/6)



NOTE;
ALL RESISTORS ARE 1/16W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

LOT NO.	BOARD NO.
302	1-648-536-11
303-306	1-648-536-12/22

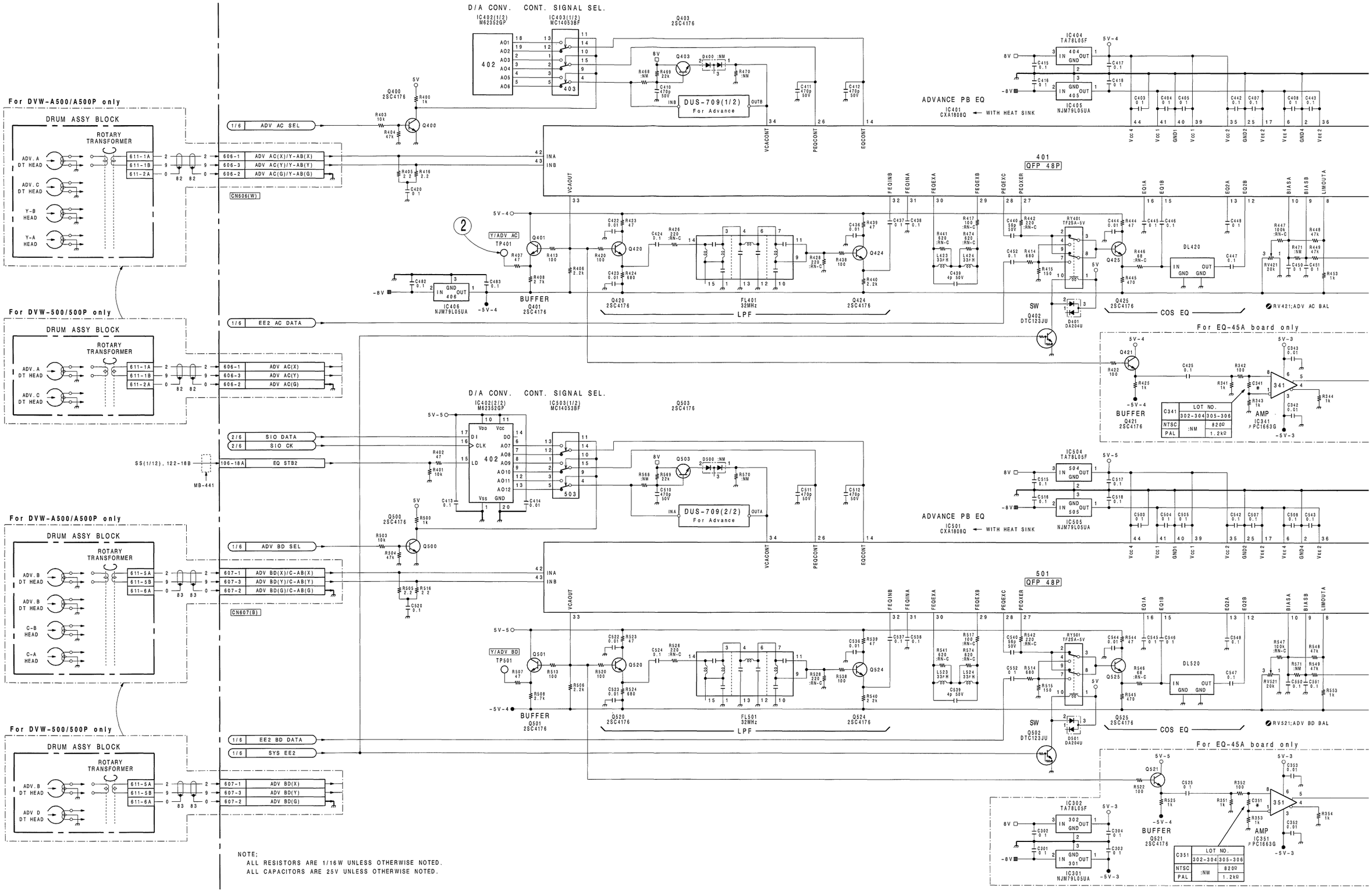
REC Current CONT & Drive

EQ-45A/45 BOARD (2/6)

BOARD NO. 1-648-536-11, 12/22
BOARD' S LOT NO. 302-306
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB

DVW-EQ45-ALL-REC-S/M-04-A

EQ-45A/45 (3/6)

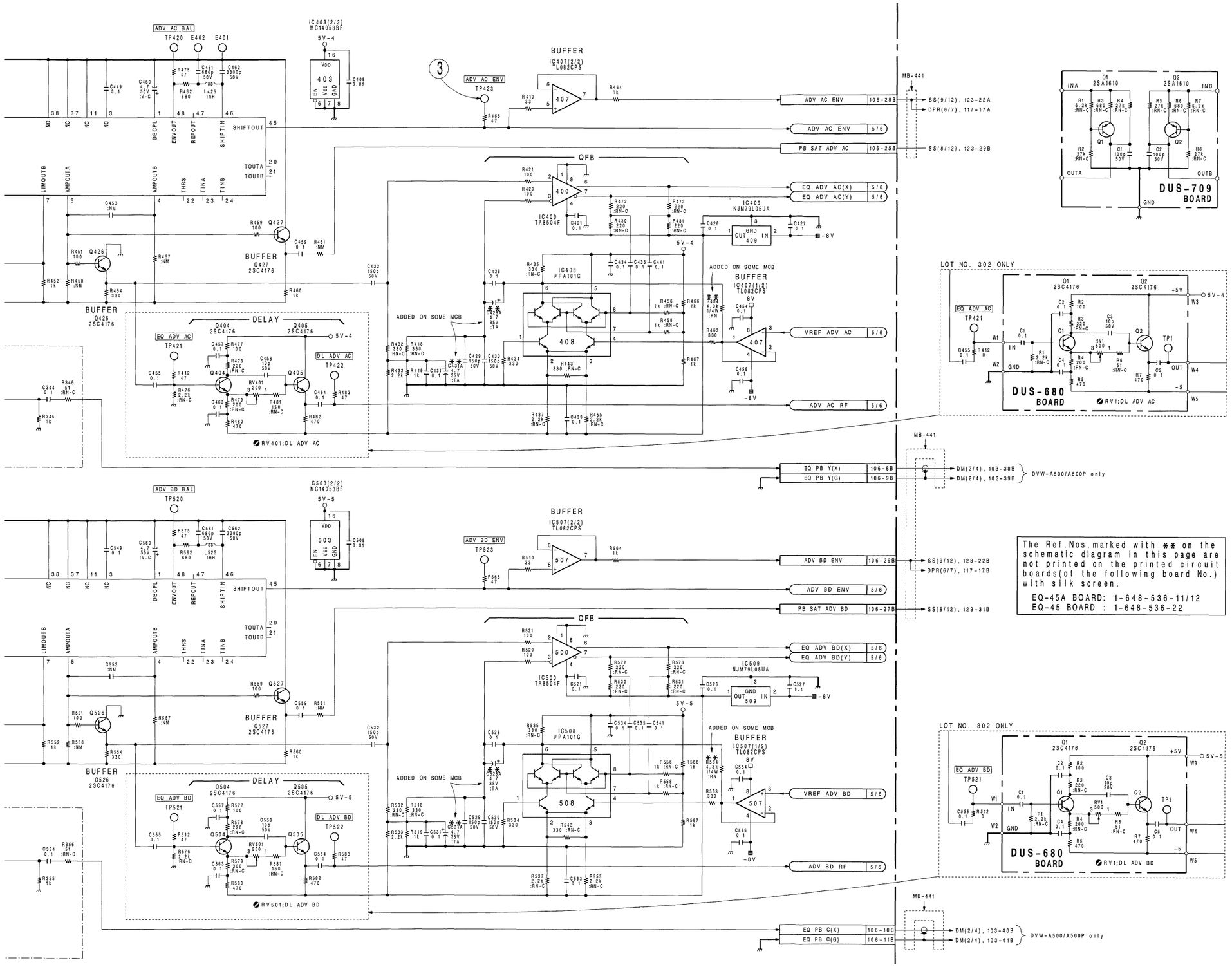


1-72 (a)

DVW-A500P/500P

A B C D E F G H

EQ-45A/45 (3/6)



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit boards(of the following board No.) with silk screen.

EQ-45A BOARD: 1-648-536-11/12
EQ-45 BOARD : 1-648-536-22

LOT NO.	EQ BOARD NO.
302	1-648-536-11
303-306	1-648-536-12/22

Temperature Compensation

DUS-709 BOARD

BOARD NO. 1-650-293-11

Delay

DUS-680 BOARD

BOARD NO. 1-649-270-11
FOR EQ-45A(1-648-536-11) OF LOT NO. 302
DVW-A500P(EK)

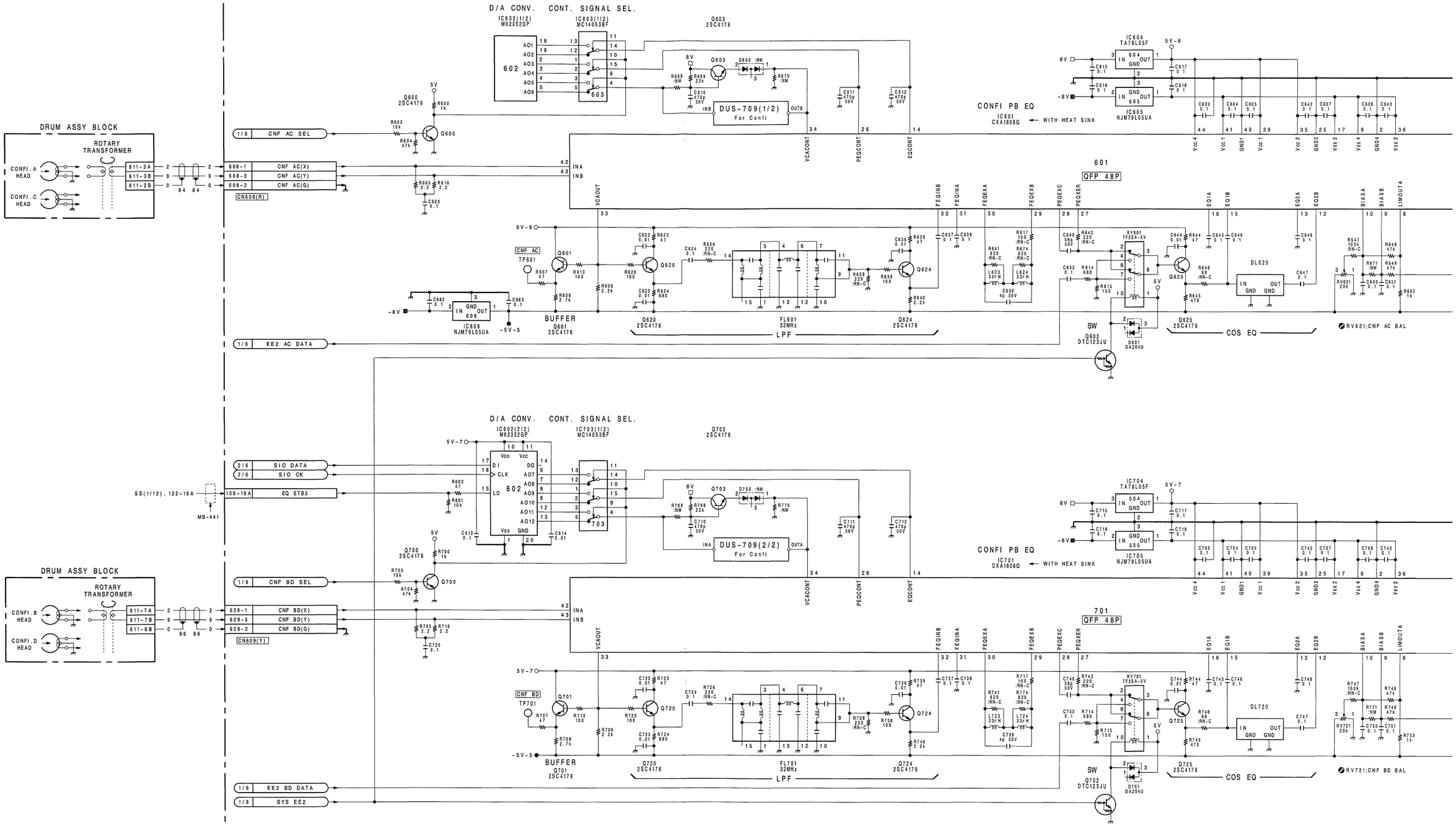
Advanced PB EQ

EQ-45A/45 BOARD (3/6)

BOARD NO. 1-648-539-11, 12/22
BOARD' S LOT NO. 302-306
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB

DVW-EQ45-ALL-REC-S/M-04-A

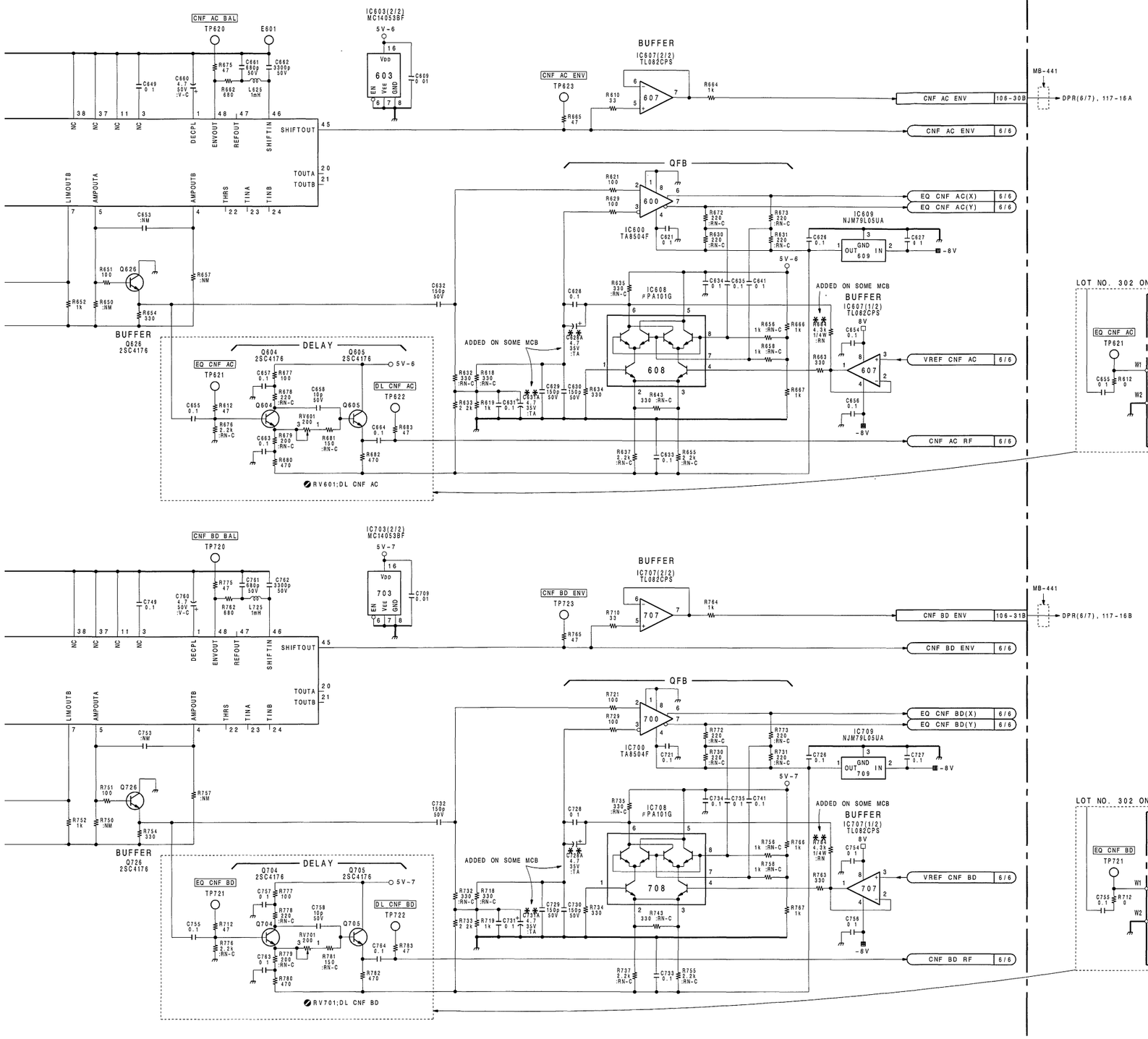
EQ-45A/45 (4/6)



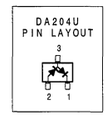
NOTE;
ALL RESISTORS ARE 1/16W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

1-74 (a)

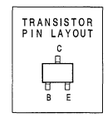
EQ-45A/45 (4/6)



DA204U PIN LAYOUT



TRANSISTOR PIN LAYOUT



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit boards(of the following board No.) with silk screen.

EQ-45A BOARD: 1-648-536-11/12
EQ-45 BOARD : 1-648-536-22

LOT NO.	EQ BOARD NO.
302	1-648-536-11
303-306	1-648-536-12/22

Temperature Compensation

DUS-709 BOARD

BOARD NO. 1-650-293-11

Delay

DUS-680 BOARD

BOARD NO. 1-649-270-11
FOR EQ-45A(1-648-536-11) OF LOT NO. 302
DVW-A500P(EK)

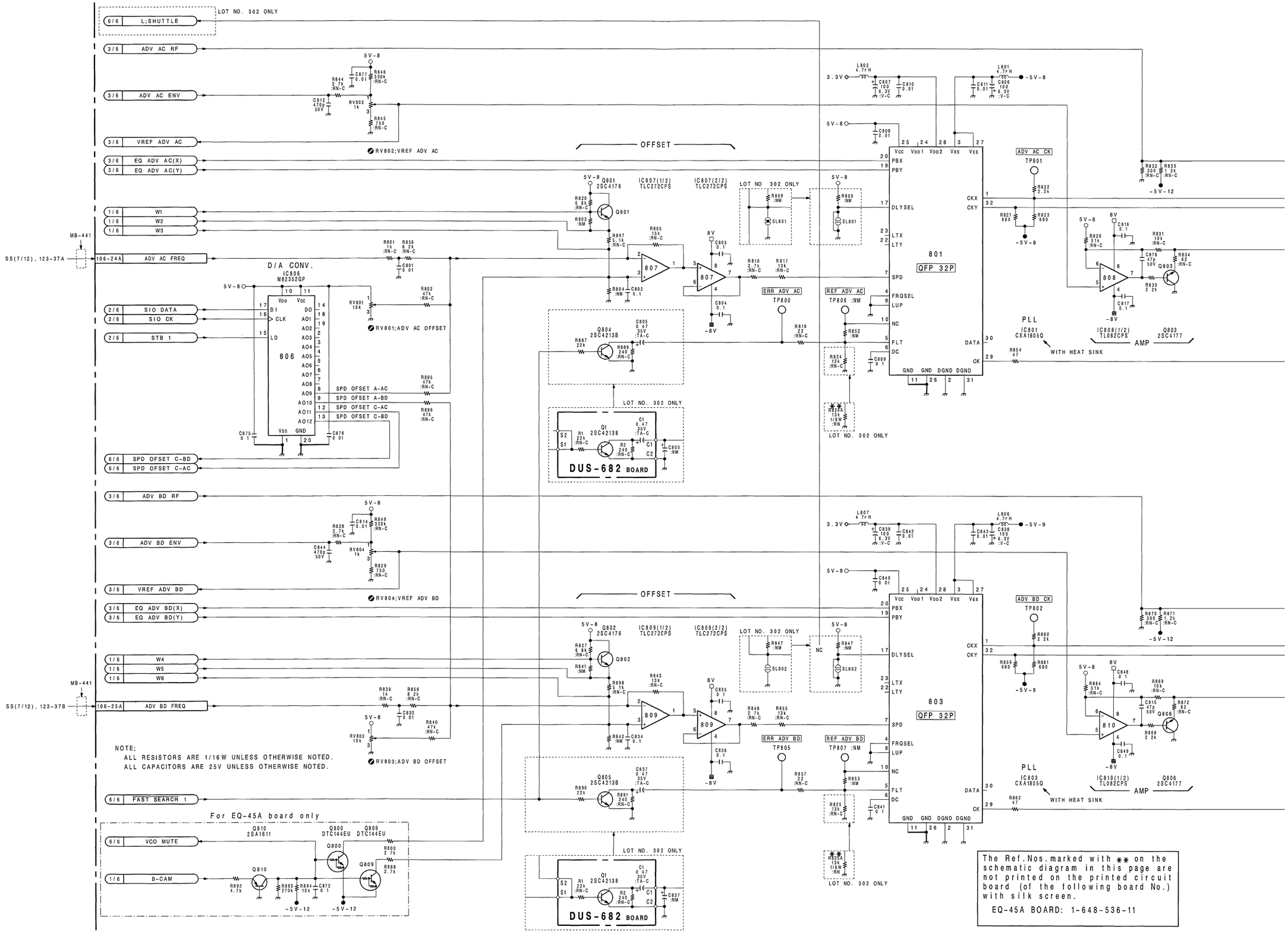
Confi PB EQ

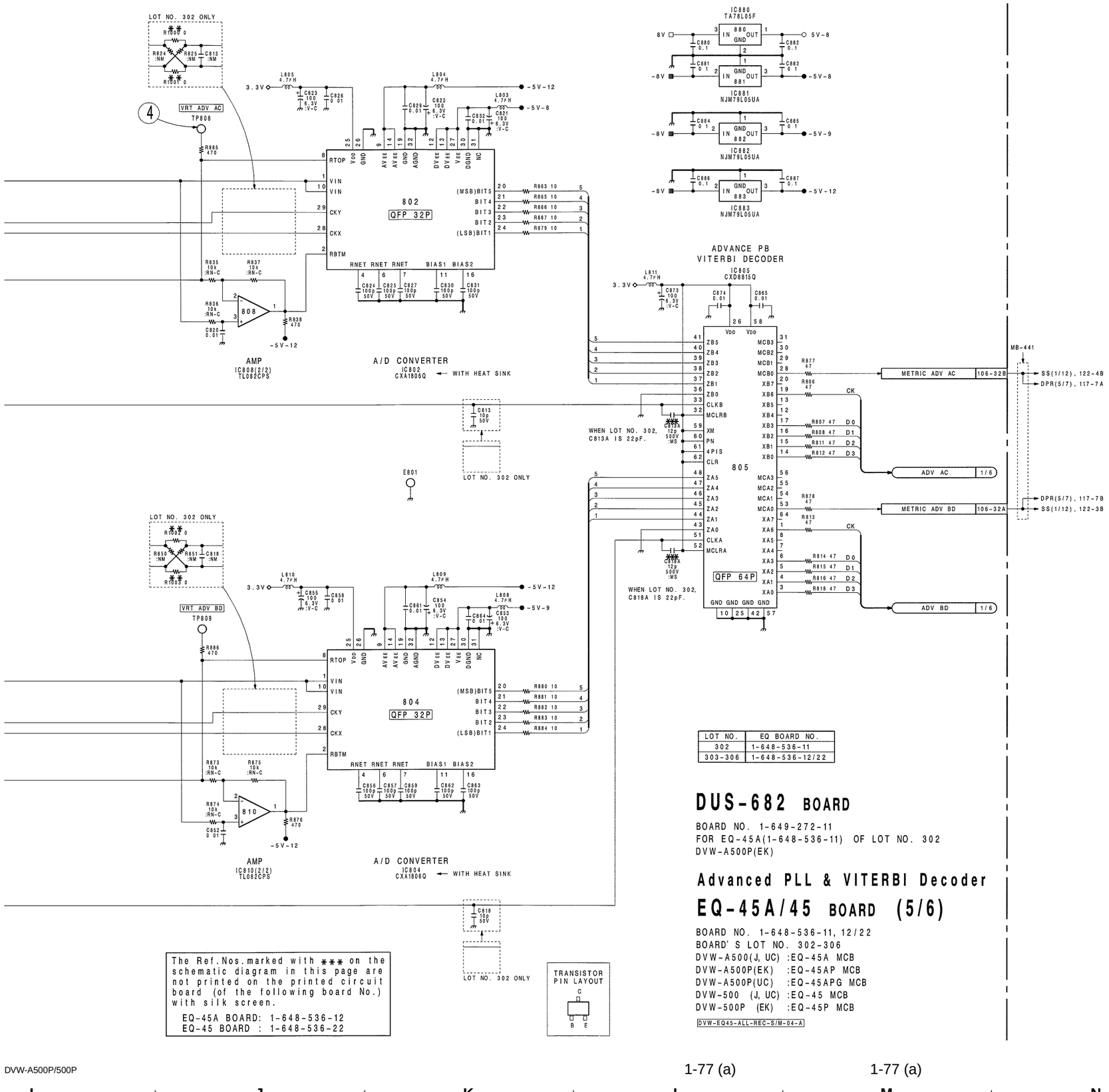
EQ-45A/45 BOARD (4/6)

BOARD NO. 1-648-536-11, 12/22
BOARD' S LOT NO. 302-306
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB

DVW-EQ45-ALL-REC-S/M-04-A

EQ-45A/45 (5/6)


LOT NO. 302 ONLY
6/6 L;SHUTTLE
3/6 ADV AC RF
3/6 ADV AC ENV
3/6 VREF ADV AC
RV802;VREF ADV AC
3/6 EQ ADV AC(X)
3/6 EQ ADV AC(Y)
1/6 W1
1/6 W2
1/6 W3
MB-441
SS(7/12), 123-37A
106-24A ADV AC FREQ
D/A CONV.
IC806 M62352GP
2/6 SIO DATA
2/6 SIO CK
2/6 STB 1
RV801;ADV AC OFFSET
SPD OFSET A-AC
SPD OFSET A-BD
SPD OFSET C-AC
SPD OFSET C-BD
6/6 SPD OFSET C-BD
6/6 SPD OFSET C-AC
3/6 ADV BD RF
3/6 ADV BD ENV
3/6 VREF ADV BD
RV804;VREF ADV BD
3/6 EQ ADV BD(X)
3/6 EQ ADV BD(Y)
1/6 W4
1/6 W5
1/6 W6
106-25A ADV BD FREQ
RV803;ADV BD OFFSET
6/6 FAST SEARCH 1
NOTE;
ALL RESISTORS ARE 1/16W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
For EQ-45A board only
6/6 VCO MUTE
1/6 B-CAM
OFFSET
IC807(1/2) TLC272CPS
IC807(2/2) TLC272CPS
IC809(1/2) TLC272CPS
IC809(2/2) TLC272CPS
LOT NO. 302 ONLY
ERR ADV AC
REF ADV AC
ERR ADV BD
REF ADV BD
DUS-682 BOARD
801 QFP 32P
803 QFP 32P
ADV AC CK
ADV BD CK
PLL
IC801 CXA1805Q
IC808(1/2) TL082CPS
IC810(1/2) TL082CPS
AMP
WITH HEAT SINK
Q803 2SC4177
Q806 2SC4177
The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
EQ-45A BOARD: 1-648-536-11



The Ref.Nos.marked with *** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

EQ-45A BOARD: 1-648-536-12
EQ-45 BOARD : 1-648-536-22

LOT NO.	EQ BOARD NO.
302	1-648-536-11
303-306	1-648-536-12/22

DUS-682 BOARD

BOARD NO. 1-649-272-11
FOR EQ-45A(1-648-536-11) OF LOT NO. 302
DVW-A500P(EK)

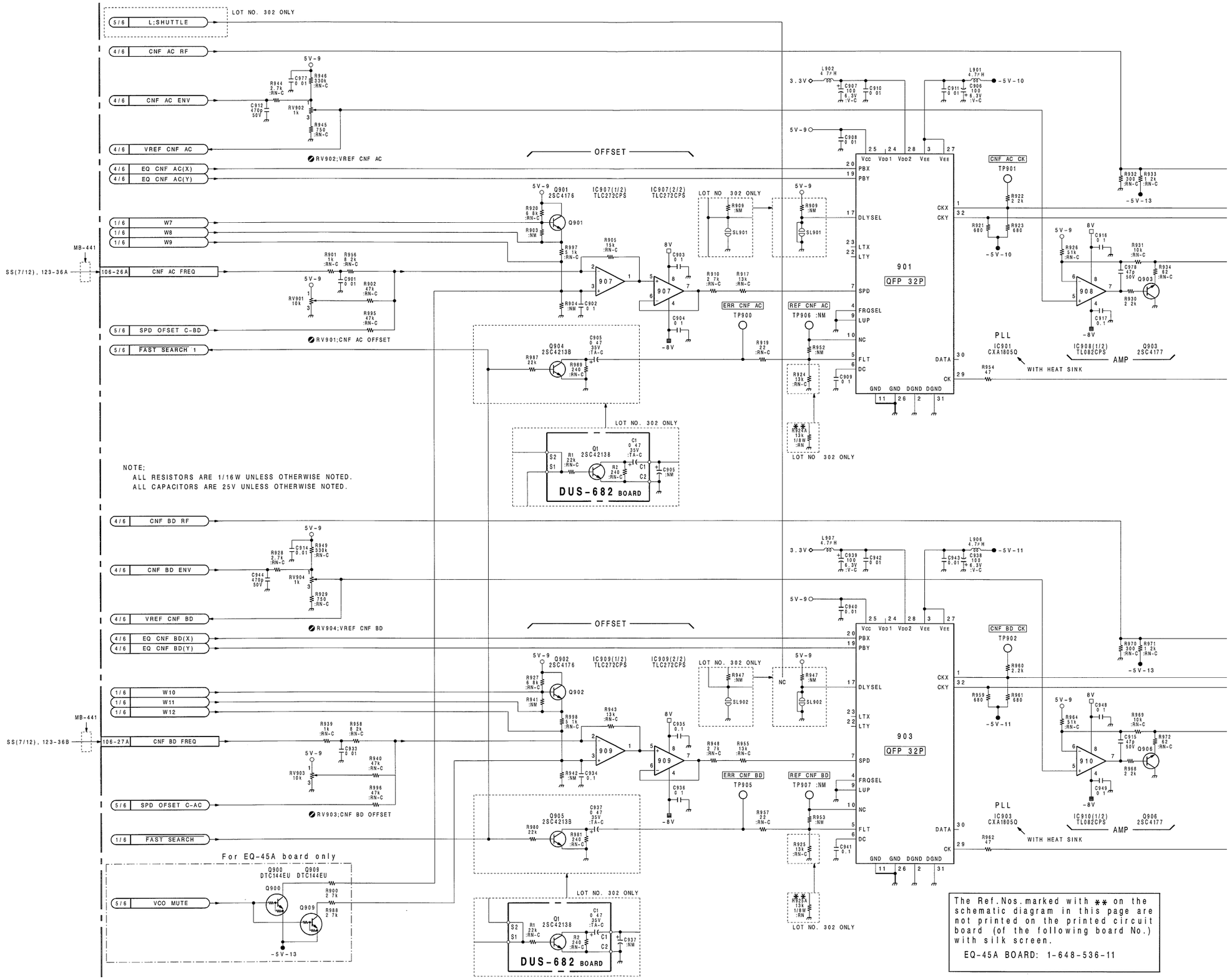
Advanced PLL & VITERBI Decoder

EQ-45A/45 BOARD (5/6)

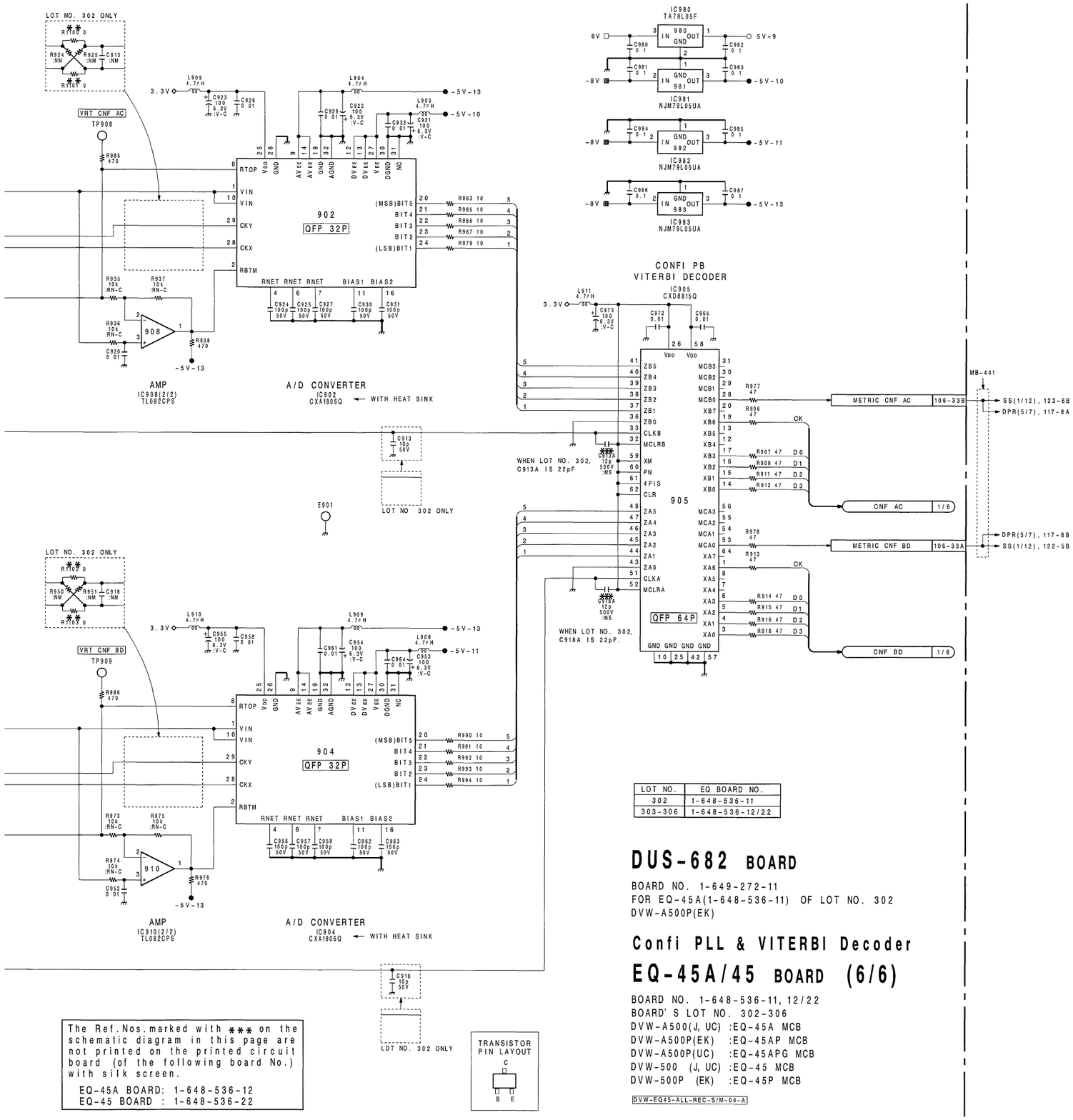
BOARD NO. 1-648-536-11, 12/22
BOARD' S LOT NO. 302-306
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB

DVW-EQ45-ALL-REC-S/M-04-A

EQ-45A/45 (6/6)


LOT NO. 302 ONLY
5/6 L;SHUTTLE
4/6 CNF AC RF
4/6 CNF AC ENV
4/6 VREF CNF AC
RV902;VREF CNF AC
4/6 EQ CNF AC(X)
4/6 EQ CNF AC(Y)
1/6 W7
1/6 W8
1/6 W9
MB-441
SS(7/12), 123-36A
106-26A CNF AC FREQ
5/6 SPD OFSET C-BD
RV901;CNF AC OFFSET
5/6 FAST SEARCH 1
OFFSET
Q901 2SC4176
IC907(1/2) TLC272CPS
IC907(2/2) TLC272CPS
907
ERR CNF AC
TP900
REF CNF AC
TP906 :NM
Q904 2SC4213B
LOT NO. 302 ONLY
Q1 2SC42138
DUS-682 BOARD
901
QFP 32P
Vcc VDD1 VDD2 VEE VEE
PBX
PBY
DLYSEL
LTX
LTY
SPD
FRQSEL
LUP
NC
FLT
DC
GND GND DGND DGND
DATA
CK
CKX
CKY
CNF AC CK
TP901
PLL
IC901 CXA1805Q
WITH HEAT SINK
IC908(1/2) TL082CPS
AMP
Q903 2SC4177
L902 4.7μH
L901 4.7μH
3.3V
-5V-10
-5V-13
NOTE;
ALL RESISTORS ARE 1/16W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
4/6 CNF BD RF
4/6 CNF BD ENV
4/6 VREF CNF BD
RV904;VREF CNF BD
4/6 EQ CNF BD(X)
4/6 EQ CNF BD(Y)
1/6 W10
1/6 W11
1/6 W12
MB-441
SS(7/12), 123-36B
106-27A CNF BD FREQ
5/6 SPD OFSET C-AC
RV903;CNF BD OFFSET
1/6 FAST SEARCH
For EQ-45A board only
Q900 DTC144EU
Q909 DTC144EU
5/6 VCO MUTE
-5V-13
Q902 2SC4176
IC909(1/2) TLC272CPS
IC909(2/2) TLC272CPS
909
ERR CNF BD
TP905
REF CNF BD
TP907 :NM
Q905 2SC4213S
LOT NO. 302 ONLY
Q1 2SC42138
DUS-682 BOARD
903
QFP 32P
CNF BD CK
TP902
PLL
IC903 CXA1805Q
WITH HEAT SINK
IC910(1/2) TL082CPS
AMP
Q906 2SC4177
L907 4.7μH
L906 4.7μH
3.3V
-5V-11
-5V-13
The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
EQ-45A BOARD: 1-648-536-11

EQ-45A/45 (6/6)



LOT NO.	EQ BOARD NO.
302	1-648-536-11
303-306	1-648-536-12/22

DUS-682 BOARD

BOARD NO. 1-649-272-11
FOR EQ-45A(1-648-536-11) OF LOT NO. 302
DVW-A500P(EK)

Confi PLL & VITERBI Decoder

EQ-45A/45 BOARD (6/6)

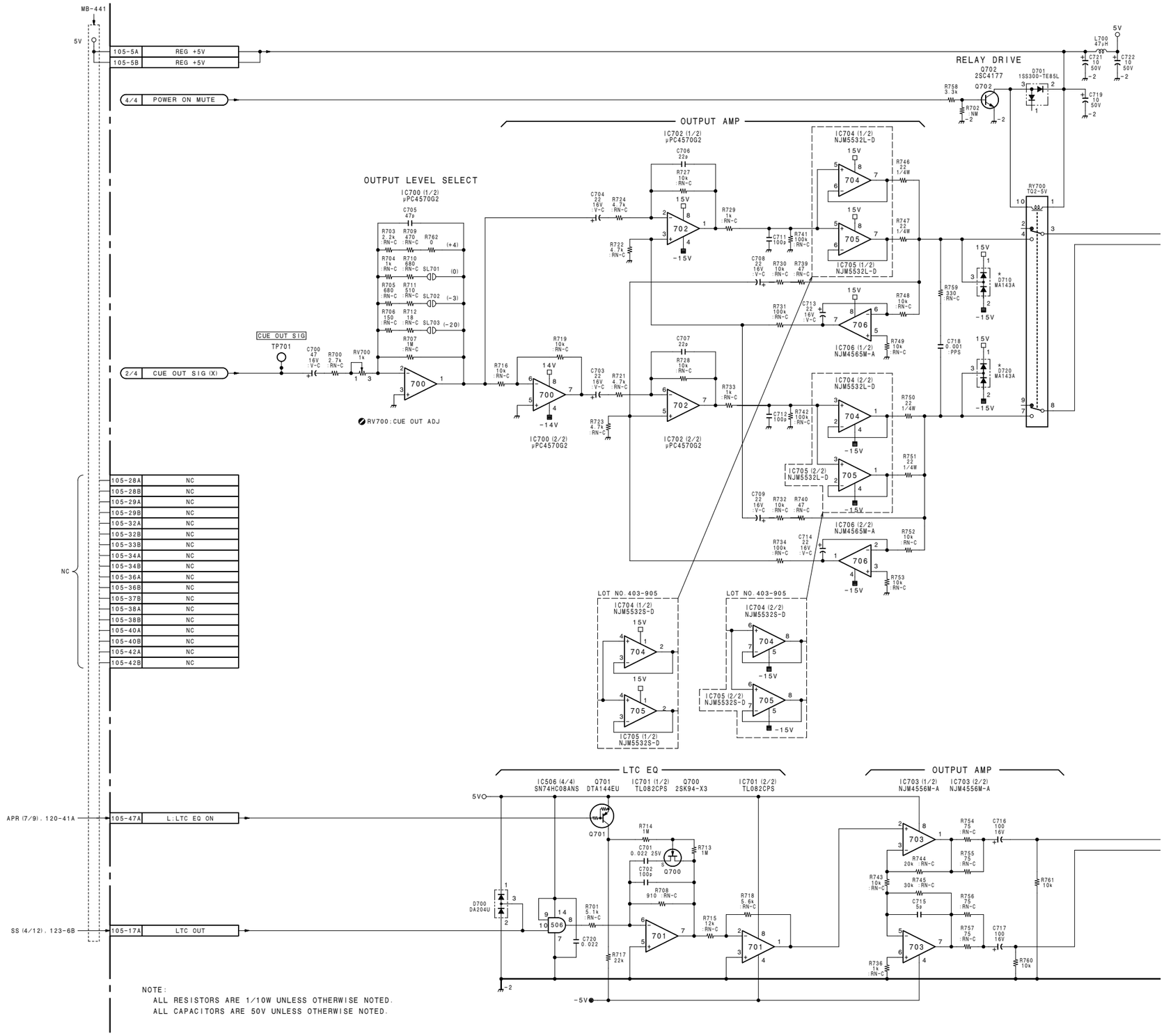
BOARD NO. 1-648-536-11, 12/22
BOARD' S LOT NO. 302-306
DVW-A500(J, UC) :EQ-45A MCB
DVW-A500P(EK) :EQ-45AP MCB
DVW-A500P(UC) :EQ-45APG MCB
DVW-500 (J, UC) :EQ-45 MCB
DVW-500P (EK) :EQ-45P MCB

DVW-EQ45-ALL-REC-S/M-04-A

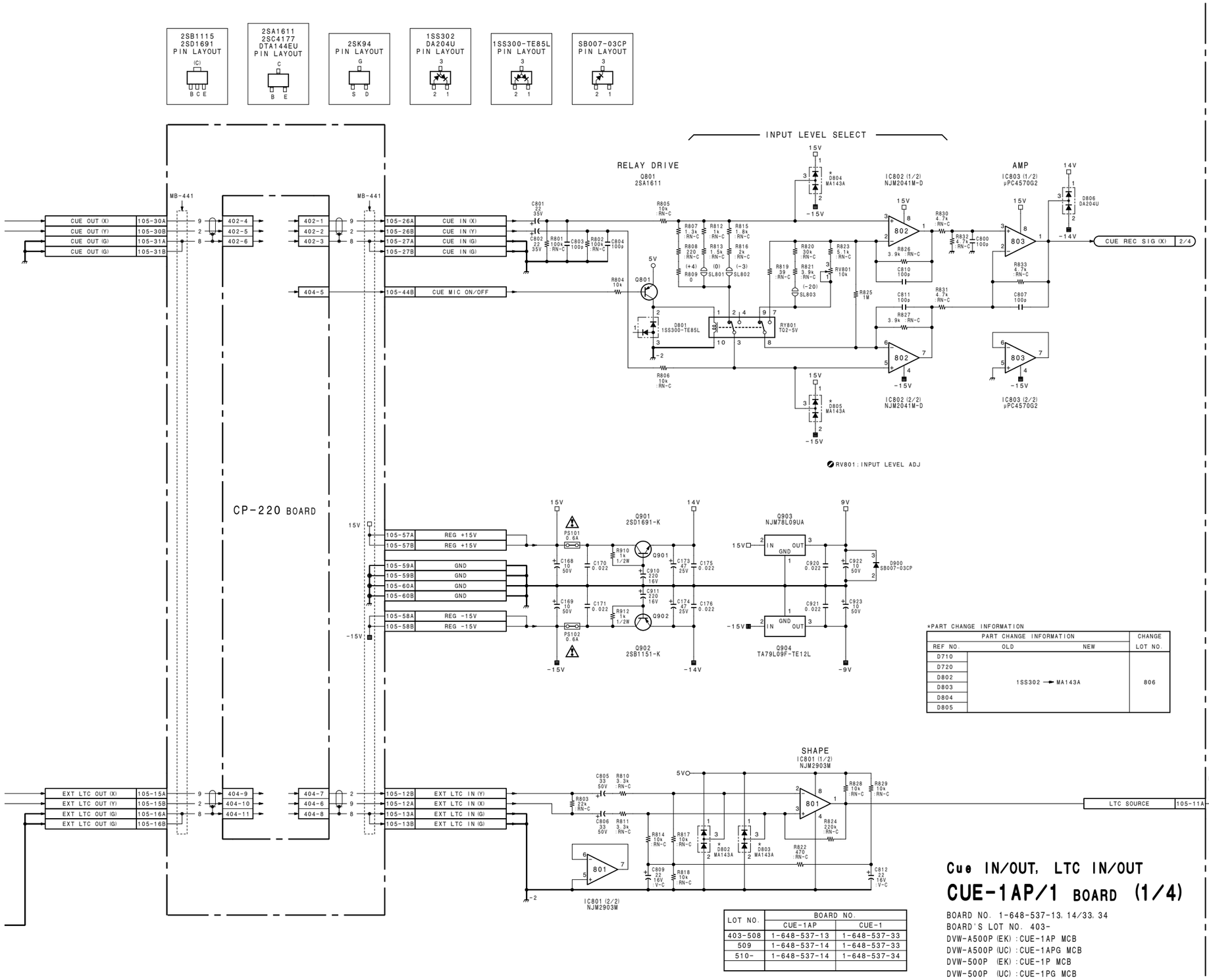
The Ref.Nos.marked with *** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

EQ-45A BOARD: 1-648-536-12
EQ-45 BOARD : 1-648-536-22

CUE-1AP/1 (1/4)


MB-441
5V
105-5A REG +5V
105-5B REG +5V
4/4 POWER ON MUTE
RELAY DRIVE
Q702 2SC4177
D701 1SS300-TE85L
OUTPUT AMP
OUTPUT LEVEL SELECT
IC700 (1/2) µPC4570G2
IC702 (1/2) µPC4570G2
IC704 (1/2) NJM5532L-D
IC705 (1/2) NJM5532L-D
IC706 (1/2) NJM4565M-A
IC704 (2/2) NJM5532L-D
IC705 (2/2) NJM5532L-D
IC706 (2/2) NJM4565M-A
IC700 (2/2) µPC4570G2
IC702 (2/2) µPC4570G2
RV700 TQ2-5V
CUE OUT SIG
TP701
2/4 CUE OUT SIG (X)
RV700:CUE OUT ADJ
105-28A NC
105-28B NC
105-29A NC
105-29B NC
105-32A NC
105-32B NC
105-33B NC
105-34A NC
105-34B NC
105-36A NC
105-36B NC
105-37B NC
105-38A NC
105-38B NC
105-40A NC
105-40B NC
105-42A NC
105-42B NC
NC
LOT NO. 403-905
IC704 (1/2) NJM5532S-D
IC705 (1/2) NJM5532S-D
IC704 (2/2) NJM5532S-D
IC705 (2/2) NJM5532S-D
LTC EQ
IC506 (4/4) SN74HC08ANS
Q701 DTA144EU
IC701 (1/2) TL082CPS
Q700 2SK94-X3
IC701 (2/2) TL082CPS
OUTPUT AMP
IC703 (1/2) NJM4556M-A
IC703 (2/2) NJM4556M-A
APR (7/9), 120-41A
105-47A L:LTC EQ ON
SS (4/12), 123-6B
105-17A LTC OUT
D700 DA204U
D710 MA143A
D720 MA143A
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

CUE-1AP/1 (1/4)



*PART CHANGE INFORMATION

PART CHANGE INFORMATION			CHANGE
REF NO.	OLD	NEW	LOT NO.
D710	1SS302 → MA143A		806
D720			
D802			
D803			
D804			
D805			

LOT NO.	BOARD NO.	
	CUE-1AP	CUE-1
403-508	1-648-537-13	1-648-537-33
509	1-648-537-14	1-648-537-33
510-	1-648-537-14	1-648-537-34

Cue IN/OUT, LTC IN/OUT

CUE-1AP/1 BOARD (1/4)

BOARD NO. 1-648-537-13, 14/33, 34
BOARD'S LOT NO. 403-
DVW-A500P (EK) : CUE-1AP MCB
DVW-A500P (UC) : CUE-1APG MCB
DVW-500P (EK) : CUE-1P MCB
DVW-500P (UC) : CUE-1PG MCB

DVW-CUE1-PAL-REC-S/M-05-C

CUE-1AP/1 (2/4)

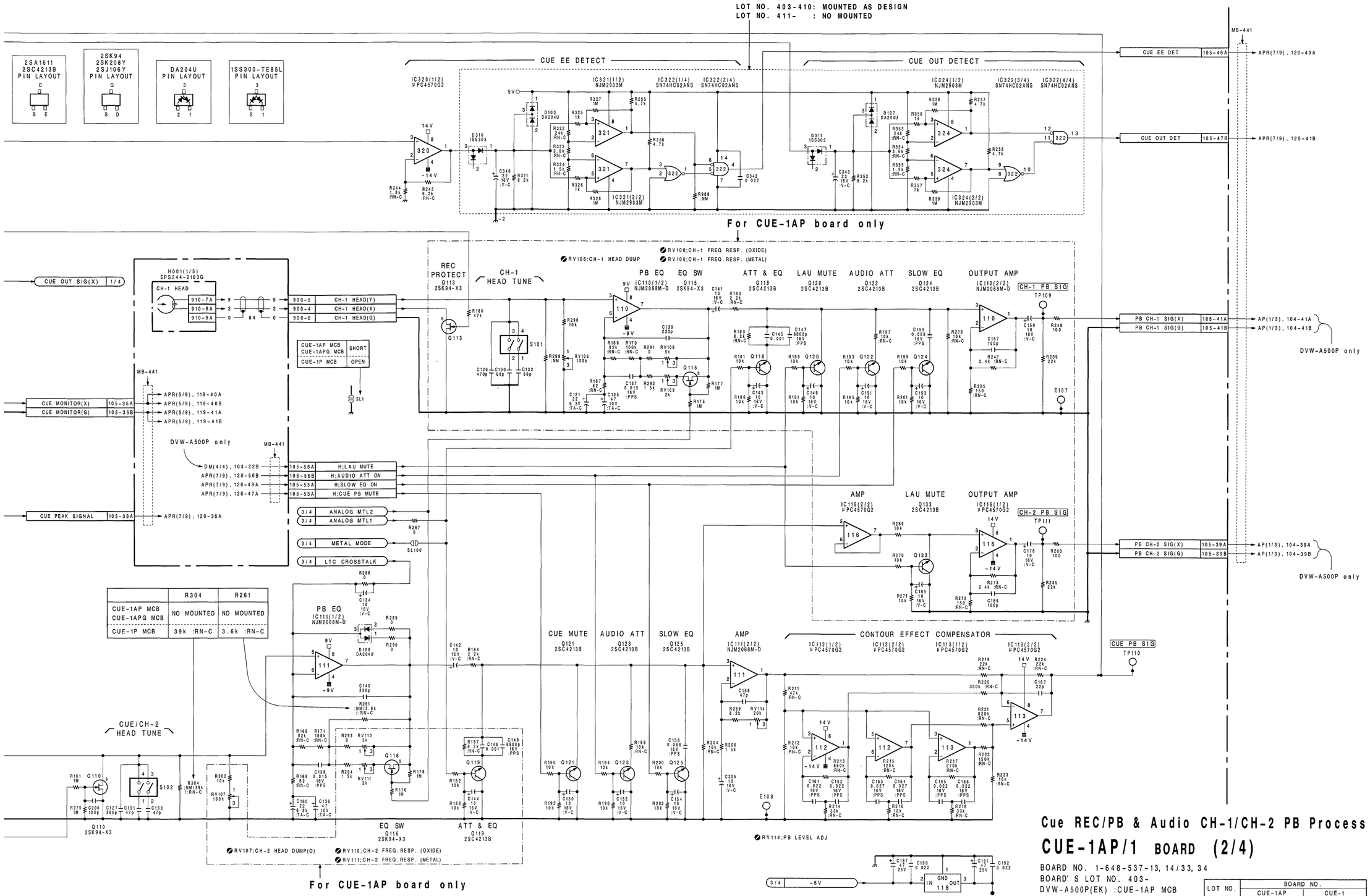
The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

CUE-1AP BOARD: 1-648-537-13, 14
CUE-1 BOARD: 1-648-537-33, 34

3/4 ANALOG MODE
3/4 PB/EE
1/4 CUE REC SIG(X)
105-23B CUE REC GAIN
105-19A CUE JP0
105-19B CUE JP1
3/4 TEST MODE
105-37A CUE TEST SIG(X)
3/4 REC PROTECT 1
3/4 REC MUTE
3/4 PB/REC
3/4 PB/REC
4/4 BIAS(X)
4/4 BIAS(G)
105-23A CUE PB GAIN
105-24A CUE GAIN GND
105-24B CUE GAIN GND
VR-153, 520-21
VR-153, 520-22
VR-153
VR-152, 511-5
APR(1/9), 120-26A
APR(1/9), 120-26B
APR(8/9), 120-38B
MB-441
FP-58

GAIN AMP IC101(2/2) µPC812G2 IC101(1/2) µPC812G2
VCA IC103 DBX2155 IC105(1/2) µPC4570G2
BUFFER IC105(2/2) µPC4570G2
AMP IC108(1/2) µPC4570G2 IC108(2/2) µPC4570G2
Q103 2SK208Y
AMP IC109(1/2) µPC4570G2 IC109(2/2) µPC4570G2
BUFFER IC320(2/2) µPC4570G2
CUE MONITOR TP107
RV120;PB REF ADJ
RV901;PB FREQ. RESPONSE
RV122;MONI. LEVEL
PEAK DETECT IC117(1/2) µPC812G2 IC117(2/2) µPC812G2
CUE PEAK SIG TP108
RV102;CUE METER ADJ
GAIN AMP IC102(1/2) µPC812G2 IC102(2/2) µPC812G2
VCA IC104 DBX2155 IC119(1/2) µPC4570G2
LOT NO. 411- Q100 :NM Q101 :NM
AMP IC105(2/2) µPC4570G2
AMP IC119(2/2) µPC4570G2 IC106(1/2) µPC4570G2
RV121;REC REF ADJ
RV104;VCA DIST.
LOT NO. 403-410 Q100 2SJ106Y Q101 2SK208Y
Q104 2SJ106Y
REC EQ IC107(2/2) NJM4560MD-TE2 IC107(1/2) NJM4560MD-TE2
Q106 2SK94-X3 Q107 2SK94-X3 Q108 2SK94-X3 Q109 2SK94-X3
REC PROTECT Q905 2SA1611 Q906 2SK94-X3
RV100;REC LEVEL ADJ RV103;REC FREQ RESPONSE
RV102;REC FREQ RESPONSE
REC MUTE Q102 2SC4213B
REC MUTE Q105 2SC4213B
REC PROTECT Q111 2SK94-X3
LV100;BIAS TRAP ADJ
LV101;BIAS TRAP ADJ
Q112 :NM
H001(2/5) EPS244-2103G CUE/CH-2 HEAD
910-5A 910-4A 910-6A
900-1 CH-2/CUE HEAD(X)
900-2 CH-2/CUE HEAD(Y)
900-3 CH-2/CUE HEAD(G)
HEAD CURRENT (X) TP105
HEAD CURRENT (G) TP106
Q135 2SK94-X3 Q136 2SK94-X3

NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED



Cue REC/PB & Audio CH-1/CH-2 PB Process

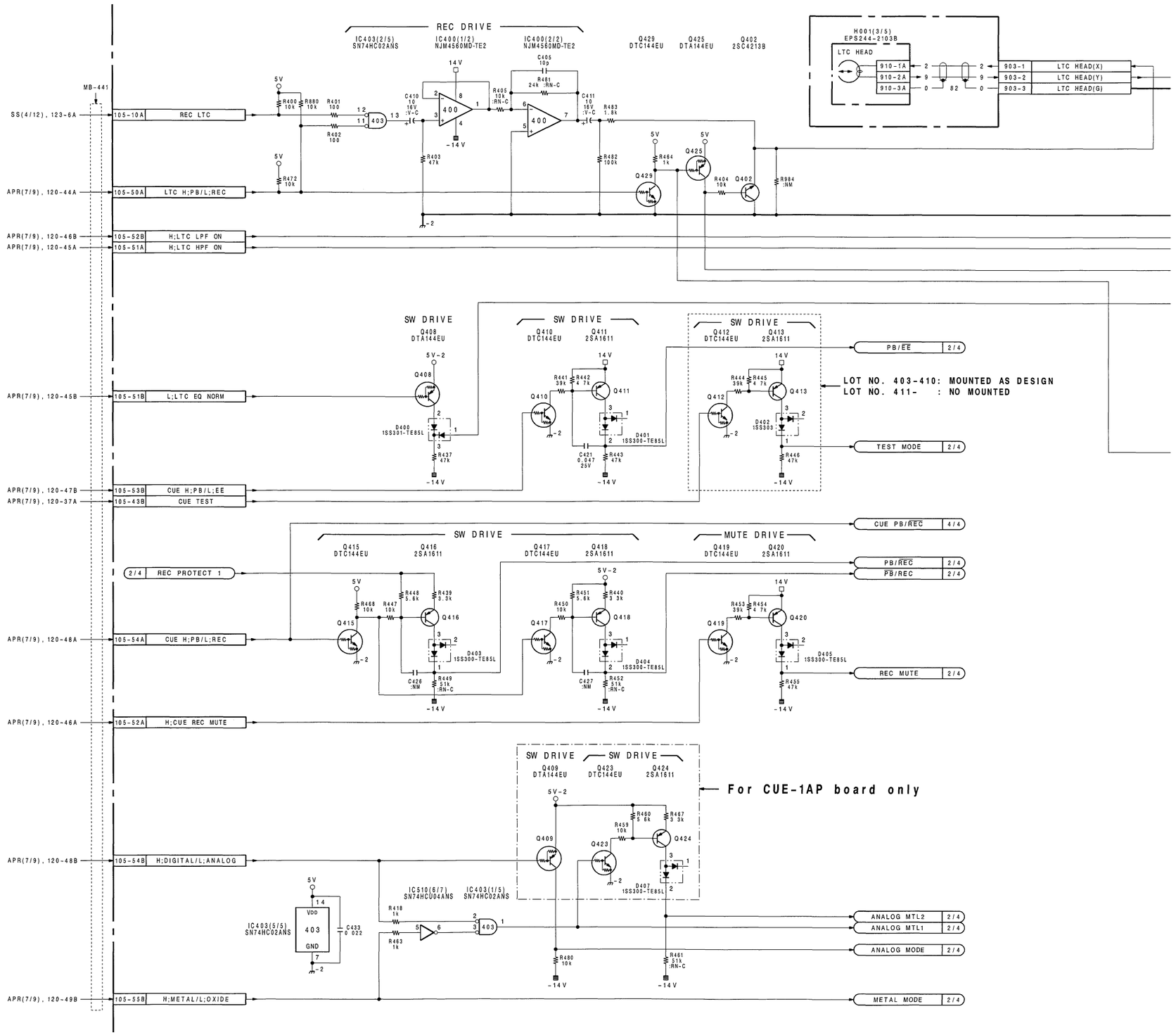
CUE-1AP/1 BOARD (2/4)

BOARD NO. 1-648-537-13, 14/33, 34
BOARD' S LOT NO. 403-
DVW-A500P(EK) :CUE-1AP MCB
DVW-A500P(UC) :CUE-1APG MCB
DVW-500P (EK) :CUE-1P MCB
DVW-500P (UC) :CUE-1PG MCB

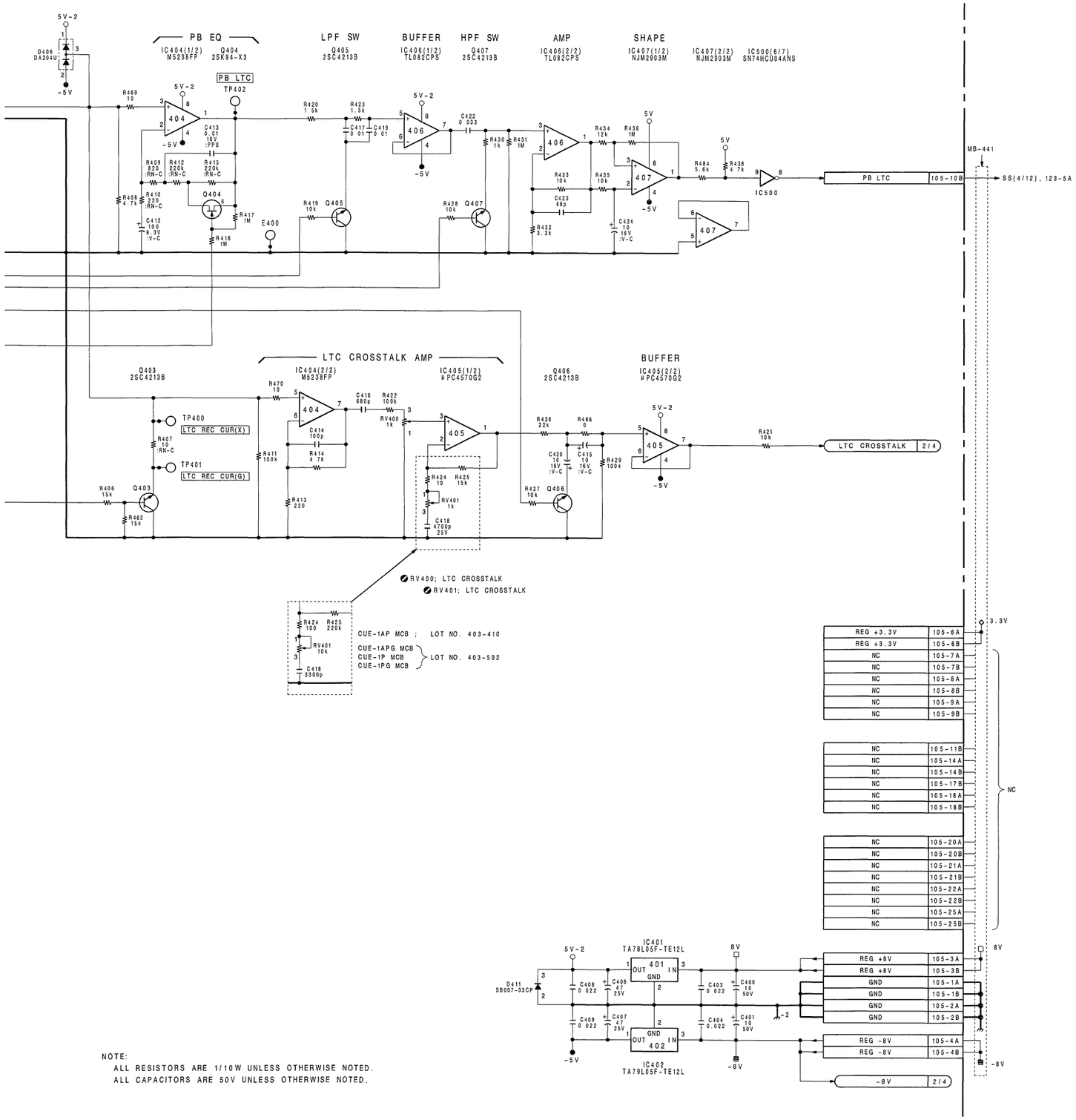
DVW-CUE1-PAL-REC-S/M-65-C

LOT NO.	BOARD NO.	
	CUE-1AP	CUE-1
403-508	1-648-537-13	1-648-537-33
509	1-648-537-14	1-648-537-33
510-	1-648-537-14	1-648-537-34

CUE-1AP/1 (3/4)

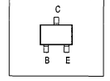


1-84 (c)

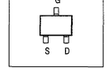


NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

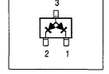
TRANSISTOR PIN LAYOUT



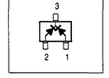
2SK94 PIN LAYOUT



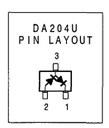
1SS300-TE85L PIN LAYOUT



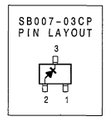
1SS301-TE85L PIN LAYOUT



DA204U PIN LAYOUT



SB007-03CP PIN LAYOUT



LOT NO.	BOARD NO.	
	CUE-1AP	CUE-1
403-508	1-648-537-13	1-648-537-33
509	1-648-537-14	1-648-537-33
510-	1-648-537-14	1-648-537-34

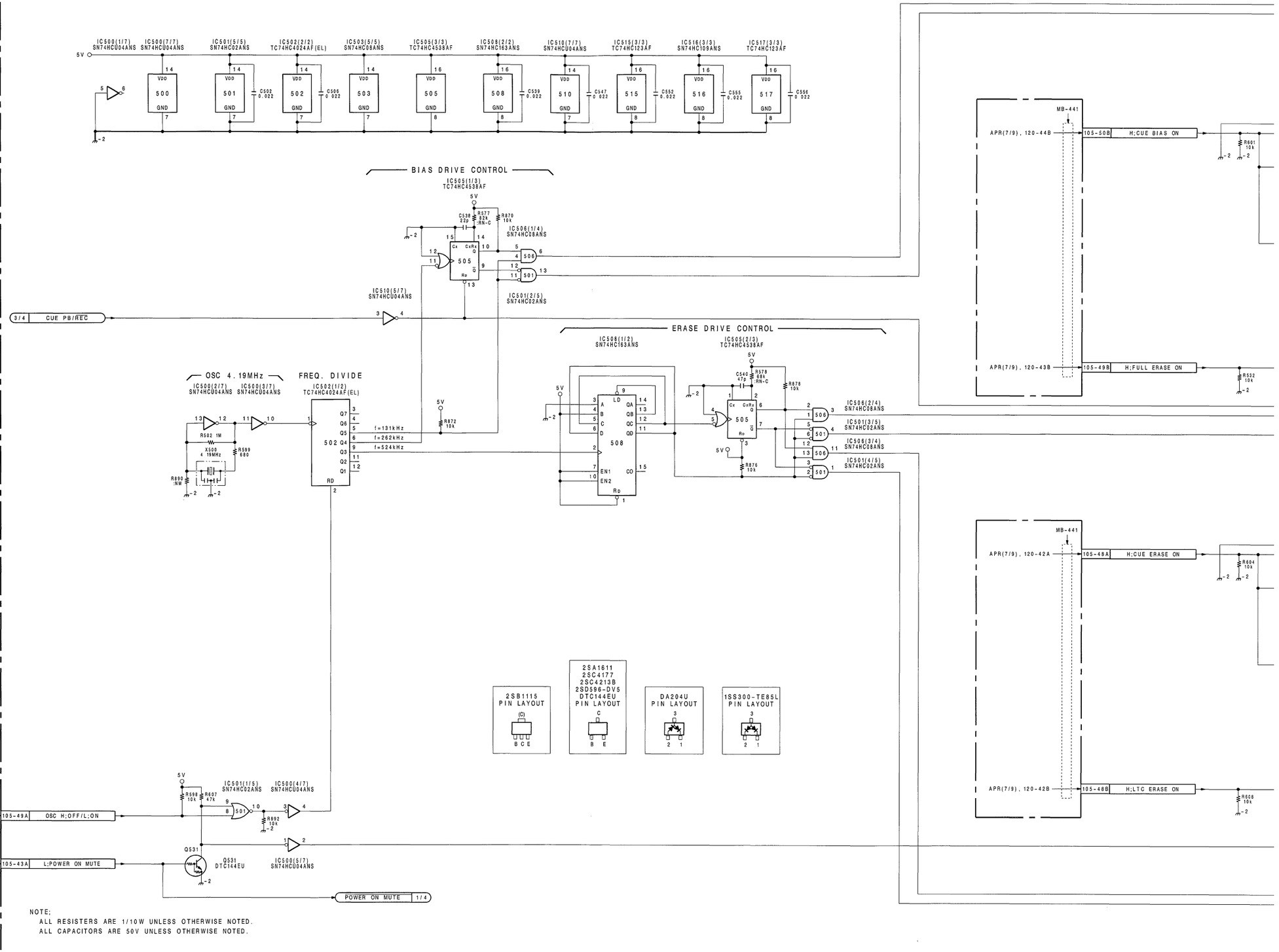
LTC REC/PB Process & Control Circuit

CUE-1AP/1 BOARD (3/4)

BOARD NO. 1-648-537-13, 14/33, 34
BOARD' S LOT NO. 403-
DVW-A500P(EK) :CUE-1AP MCB
DVW-A500P(UC) :CUE-1APG MCB
DVW-500P (EK) :CUE-1P MCB
DVW-500P (UC) :CUE-1PG MCB

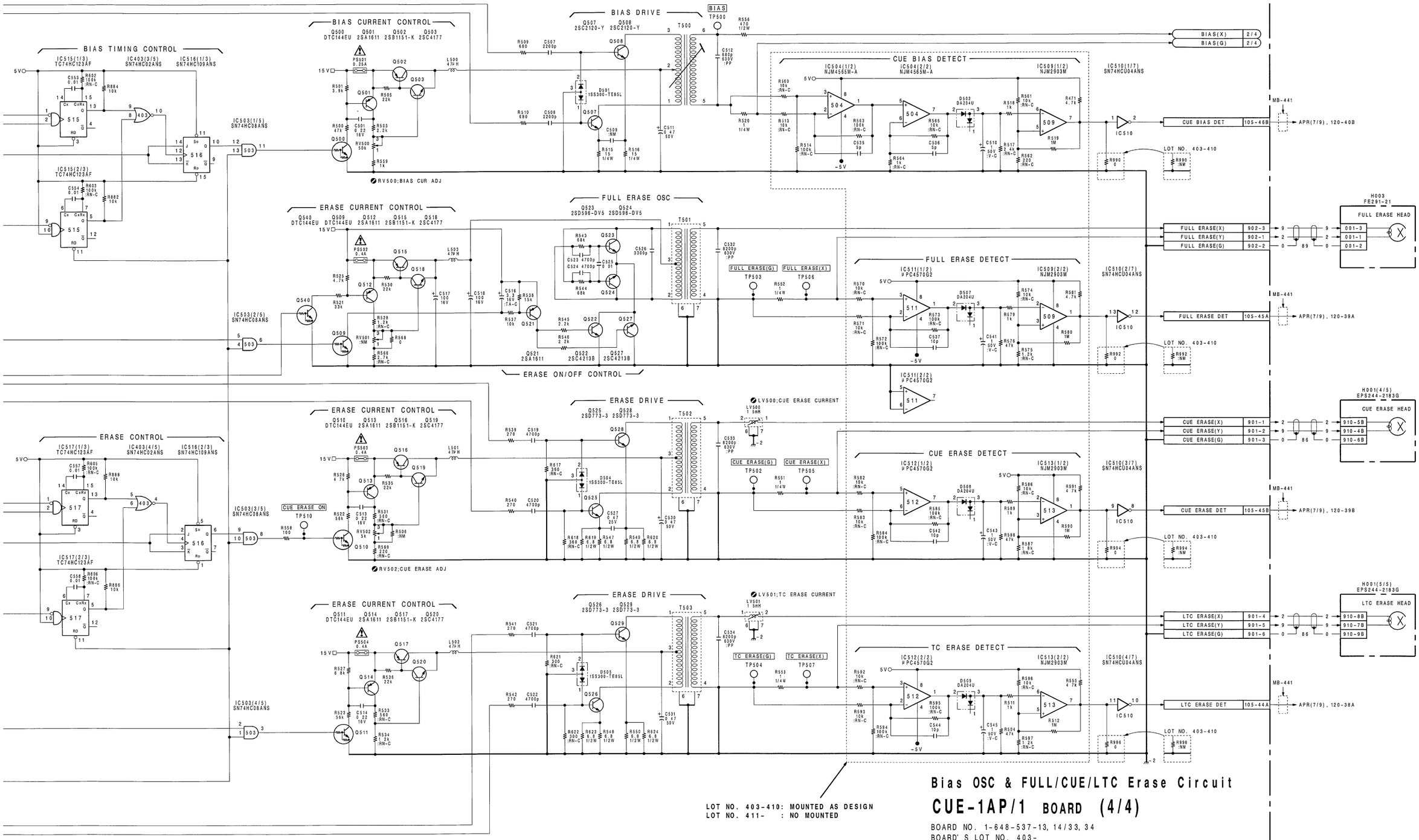
DVW-CUE1-PAL-REC-S/M-05-C

CUE-1AP/1 (4/4)



NOTE;
ALL RESISTERS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1-86 (c)



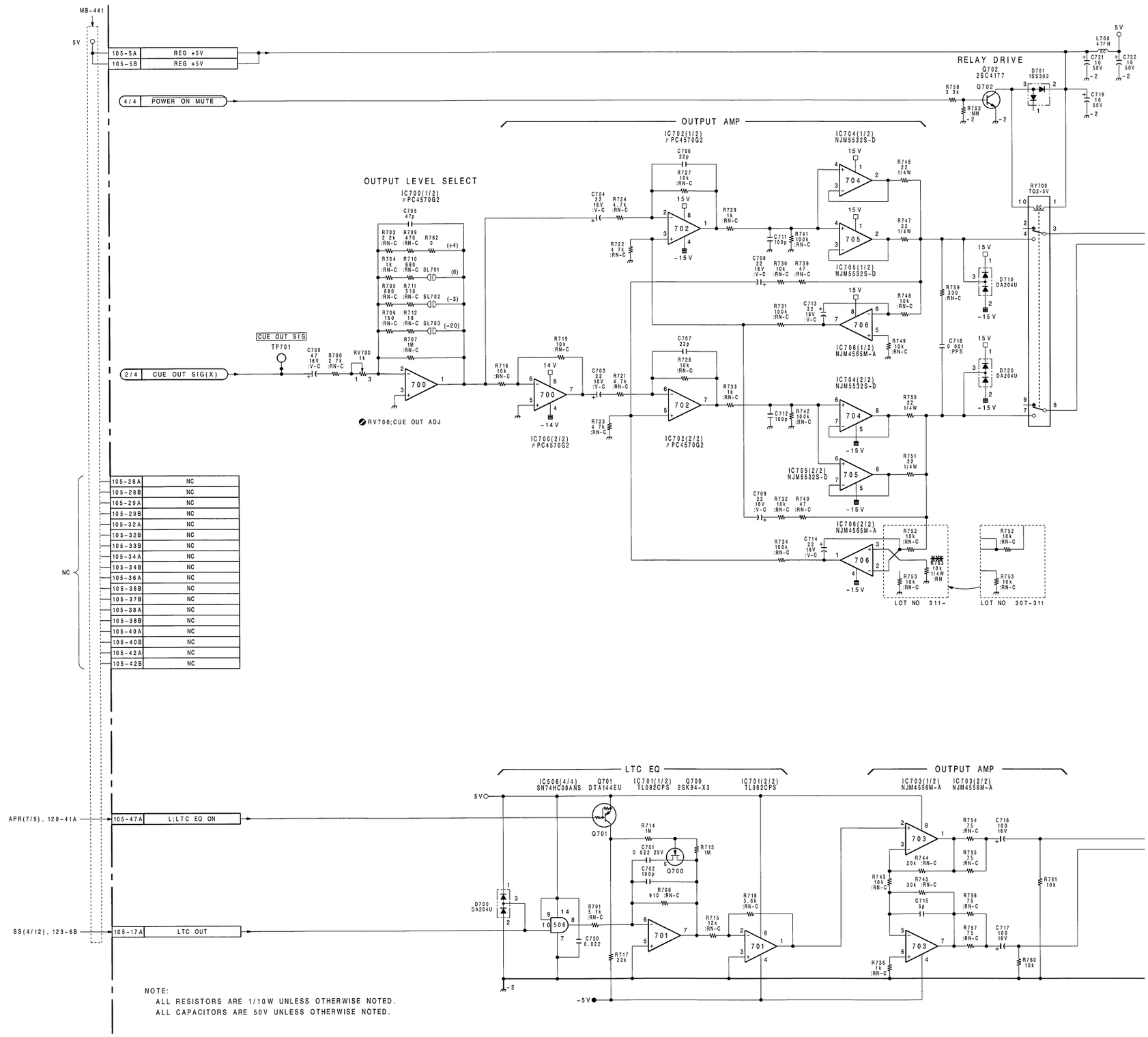
Bias OSC & FULL/CUE/LTC Erase Circuit

CUE-1AP/1 BOARD (4/4)

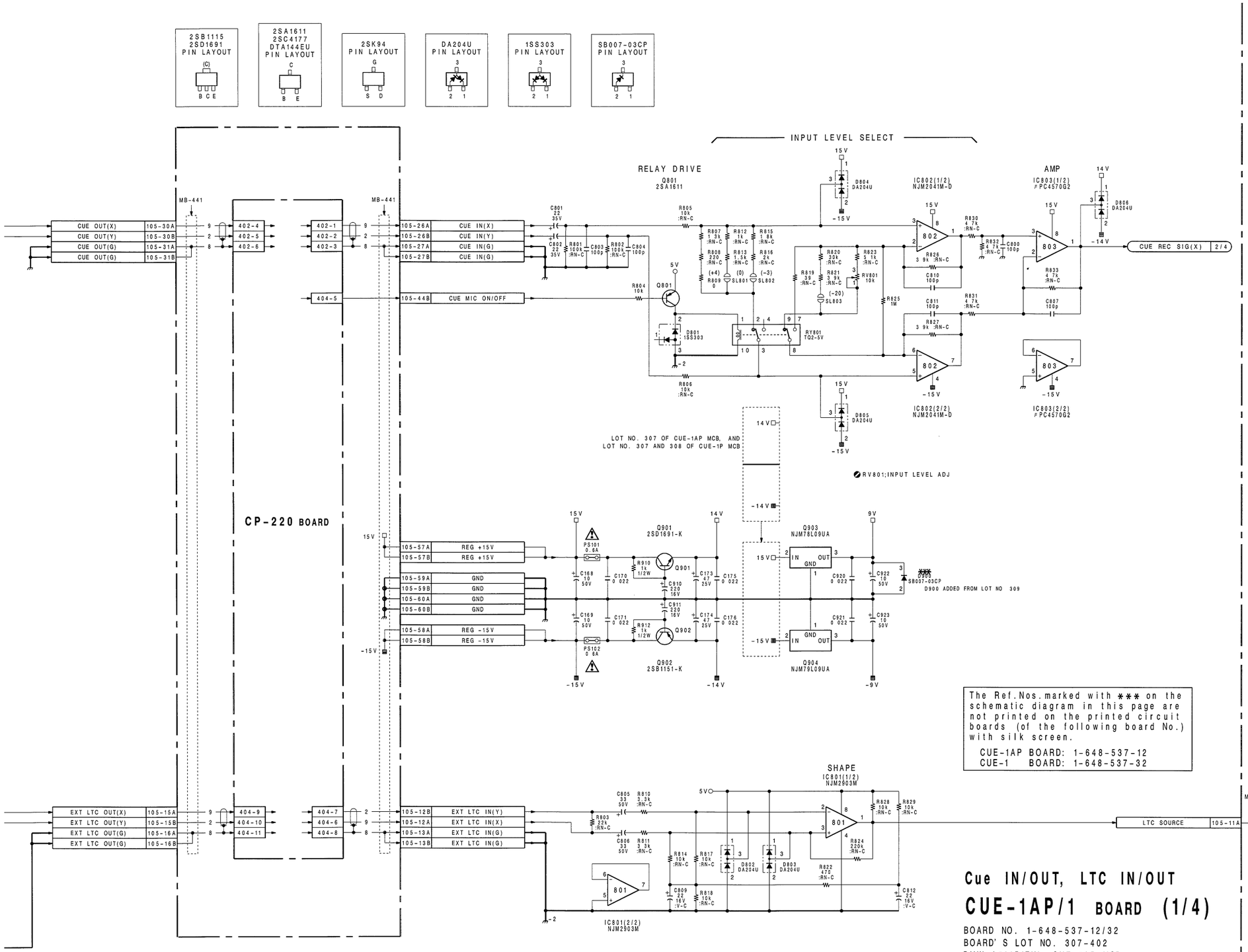
BOARD NO. 1-648-537-13, 14/33, 34
BOARD' S LOT NO. 403-
DVW-A500P(EK) :CUE-1AP MCB
DVW-A500P(UC) :CUE-1APG MCB
DVW-500P (EK) :CUE-1P MCB
DVW-500P (UC) :CUE-1PG MCB

DVW-CUE1-PAL-REC-S/M-05-C

LOT NO.	BOARD NO.	
	CUE-1AP	CUE-1
403-508	1-648-537-13	1-648-537-33
509	1-648-537-14	1-648-537-33
510-	1-648-537-14	1-648-537-34


MB-441
5V
105-5A REG +5V
105-5B REG +5V
4/4 POWER ON MUTE
RELAY DRIVE
Q702 2SC4177
D701 1SS303
OUTPUT AMP
OUTPUT LEVEL SELECT
IC700(1/2) μPC4570G2
IC702(1/2) μPC4570G2
IC704(1/2) NJM5532S-D
IC705(1/2) NJM5532S-D
IC706(1/2) NJM4565M-A
IC704(2/2) NJM5532S-D
IC705(2/2) NJM5532S-D
IC706(2/2) NJM4565M-A
IC700(2/2) μPC4570G2
IC702(2/2) μPC4570G2
RY700 TQ2-5V
D710 DA204U
D720 DA204U
2/4 CUE OUT SIG(X)
CUE OUT SIG
TP701
RV700;CUE OUT ADJ
105-28A NC
105-28B NC
105-29A NC
105-29B NC
105-32A NC
105-32B NC
105-33B NC
105-34A NC
105-34B NC
105-36A NC
105-36B NC
105-37B NC
105-38A NC
105-38B NC
105-40A NC
105-40B NC
105-42A NC
105-42B NC
NC
LOT NO 311-
LOT NO 307-311
APR(7/9), 120-41A
105-47A L;LTC EQ ON
SS(4/12), 123-6B
105-17A LTC OUT
LTC EQ
IC506(4/4) SN74HC08ANS
Q701 DTA144EU
IC701(1/2) TL082CPS
Q700 2SK94-X3
IC701(2/2) TL082CPS
OUTPUT AMP
IC703(1/2) NJM4556M-A
IC703(2/2) NJM4556M-A
D700 DA204U
Q701
Q700
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

CUE-1AP/1 (1/4)



The Ref.Nos. marked with *** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

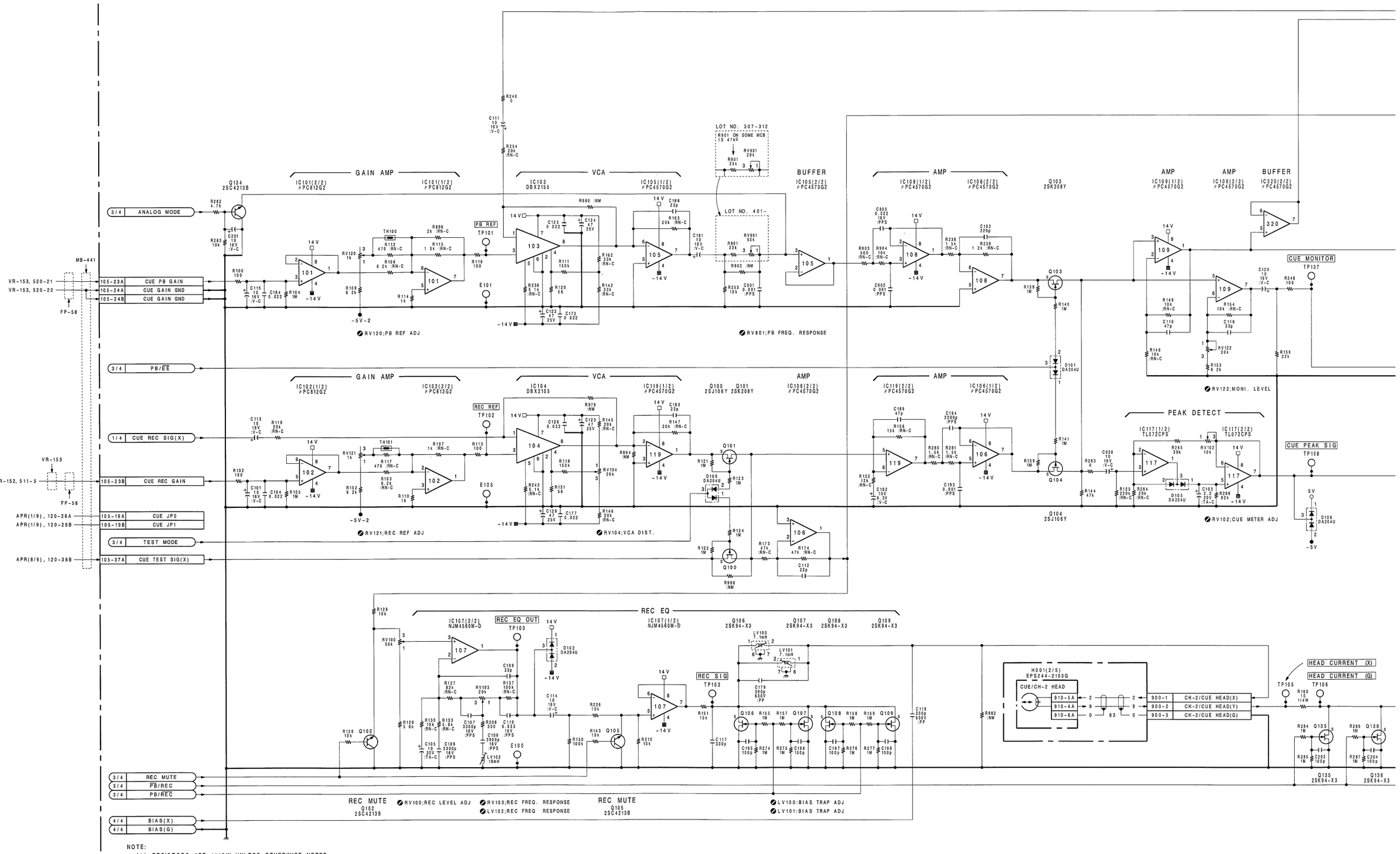
CUE-1AP BOARD: 1-648-537-12
CUE-1 BOARD: 1-648-537-32

Cue IN/OUT, LTC IN/OUT

CUE-1AP/1 BOARD (1/4)

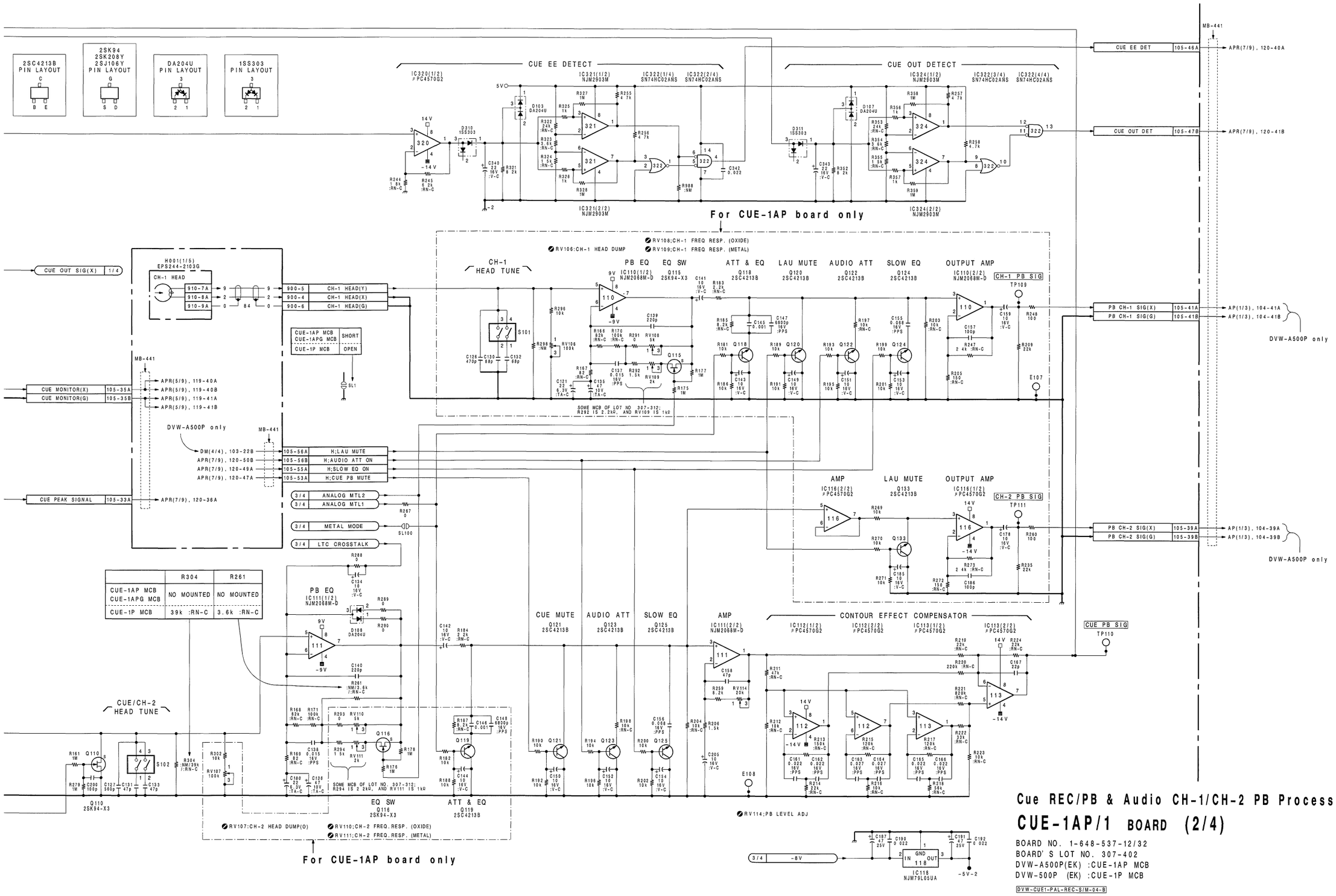
BOARD NO. 1-648-537-12/32
BOARD' S LOT NO. 307-402
DVW-A500P(EK) :CUE-1AP MCB
DVW-500P (EK) :CUE-1P MCB

DVW-CUE1-PAL-REC-S/M-04-B

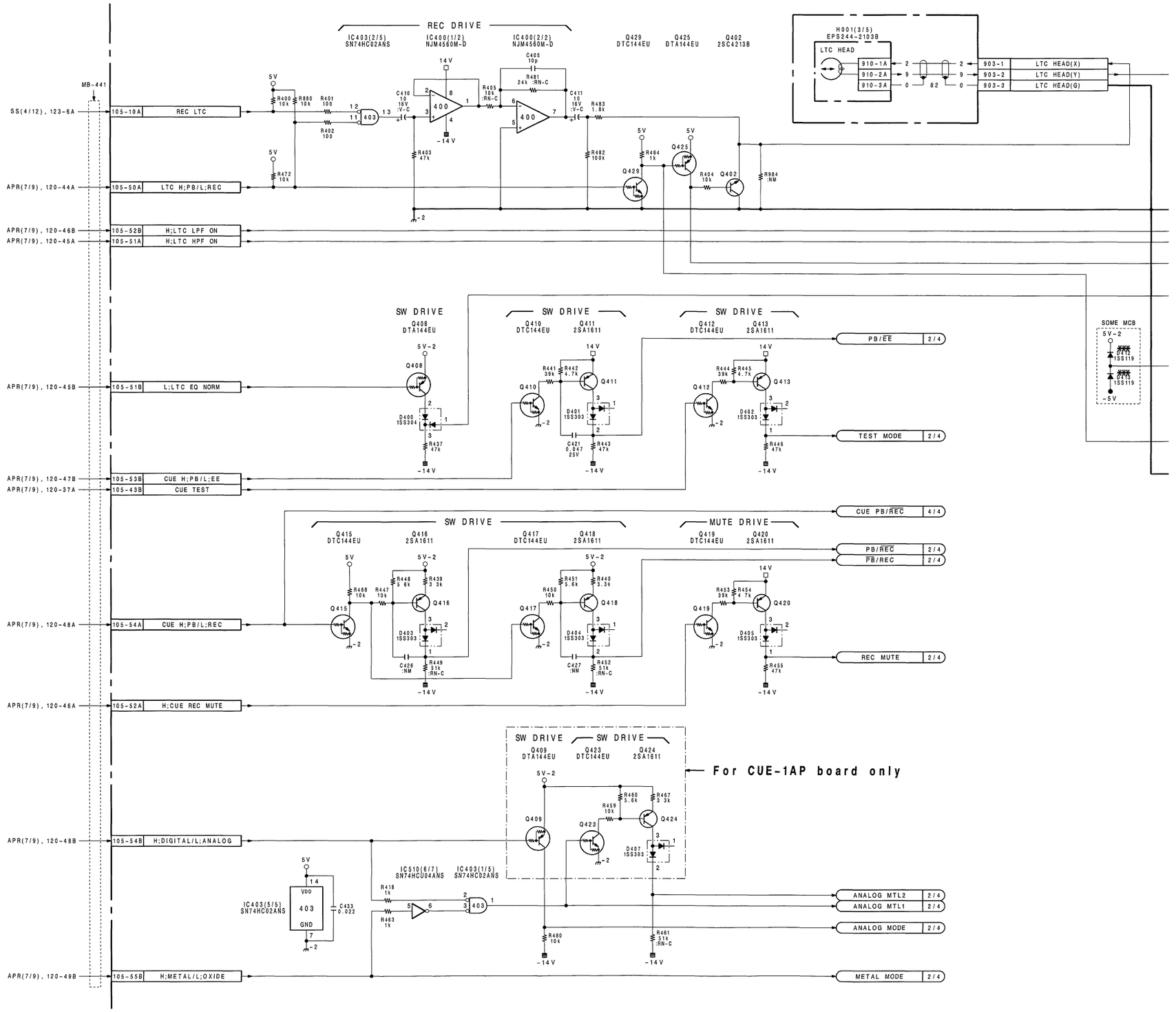


NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

CUE-1AP/1 (2/4)

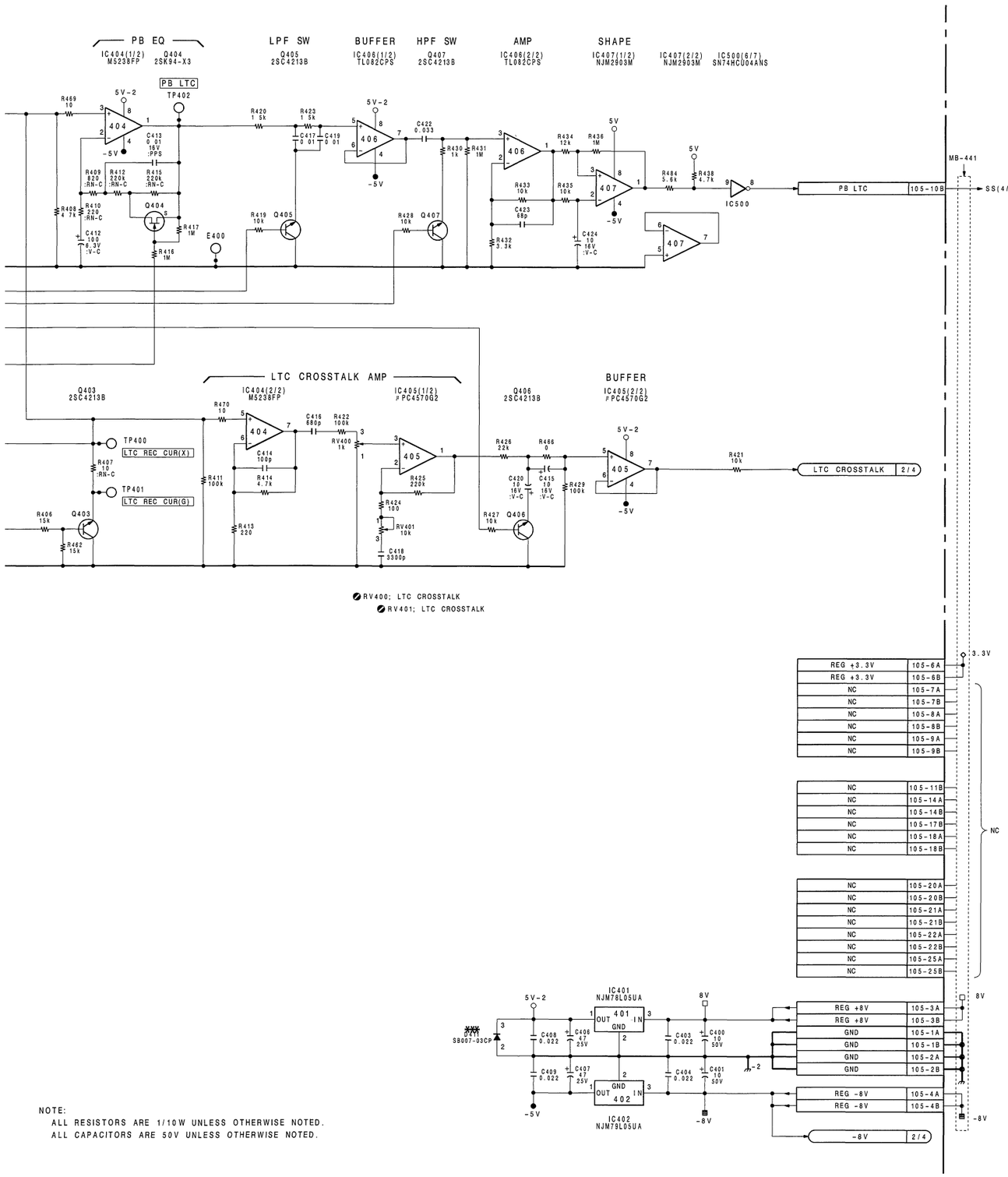

2SC4213B PIN LAYOUT
2SK94 2SK208Y 2SJ106Y PIN LAYOUT
DA204U PIN LAYOUT
1SS303 PIN LAYOUT
CUE EE DETECT
CUE OUT DETECT
For CUE-1AP board only
CUE OUT SIG(X) 1/4
CH-1 HEAD
CUE MONITOR(X) 105-35A
CUE MONITOR(G) 105-35B
CUE PEAK SIGNAL 105-33A
DVW-A500P only
CUE/CH-2 HEAD TUNE
CH-1 HEAD TUNE
PB EQ
EQ SW
ATT & EQ
LAU MUTE
AUDIO ATT
SLOW EQ
OUTPUT AMP
CUE MUTE
AMP
CONTOUR EFFECT COMPENSATOR
CUE PB SIG
CH-1 PB SIG
CH-2 PB SIG
CUE EE DET 105-46A
CUE OUT DET 105-47B
PB CH-1 SIG(X) 105-41A
PB CH-1 SIG(G) 105-41B
PB CH-2 SIG(X) 105-39A
PB CH-2 SIG(G) 105-39B
CUE-1AP MCB
CUE-1APG MCB
CUE-1P MCB
SHORT
OPEN
R304 NO MOUNTED 39k :RN-C
R261 NO MOUNTED 3.6k :RN-C
RV106;CH-1 FREQ RESP. (OXIDE)
RV109;CH-1 FREQ RESP. (METAL)
RV106:CH-1 HEAD DUMP
RV107:CH-2 HEAD DUMP(O)
RV110;CH-2 FREQ.RESP. (OXIDE)
RV111;CH-2 FREQ.RESP. (METAL)
RV114;PB LEVEL ADJ
SOME MCB OF LOT NO 307-312: R292 IS 2.2kΩ, AND RV109 IS 1kΩ
SOME MCB OF LOT NO 307-312: R294 IS 2.2kΩ, AND RV111 IS 1kΩ
ANALOG MTL2
ANALOG MTL1
METAL MODE
LTC CROSSTALK
H;LAU MUTE
H;AUDIO ATT ON
H;SLOW EQ ON
H;CUE PB MUTE
Cue REC/PB & Audio CH-1/CH-2 PB Process
CUE-1AP/1 BOARD (2/4)
BOARD NO. 1-648-537-12/32
BOARD' S LOT NO. 307-402
DVW-A500P(EK) :CUE-1AP MCB
DVW-500P (EK) :CUE-1P MCB
DVW-CUE1-PAL-REC-S/M-04-B

CUE-1AP/1 (3/4)



1-84 (b)

CUE-1AP/1 (3/4)



NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

TRANSISTOR PIN LAYOUT
C
B E

2SK94 PIN LAYOUT
G
S D

1SS303 PIN LAYOUT
3
2 1

1SS304 PIN LAYOUT
3
2 1

SB007-03CP PIN LAYOUT
3
2 1

The Ref.Nos. marked with *** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

CUE-1AP BOARD: 1-648-537-12
CUE-1 BOARD: 1-648-537-32

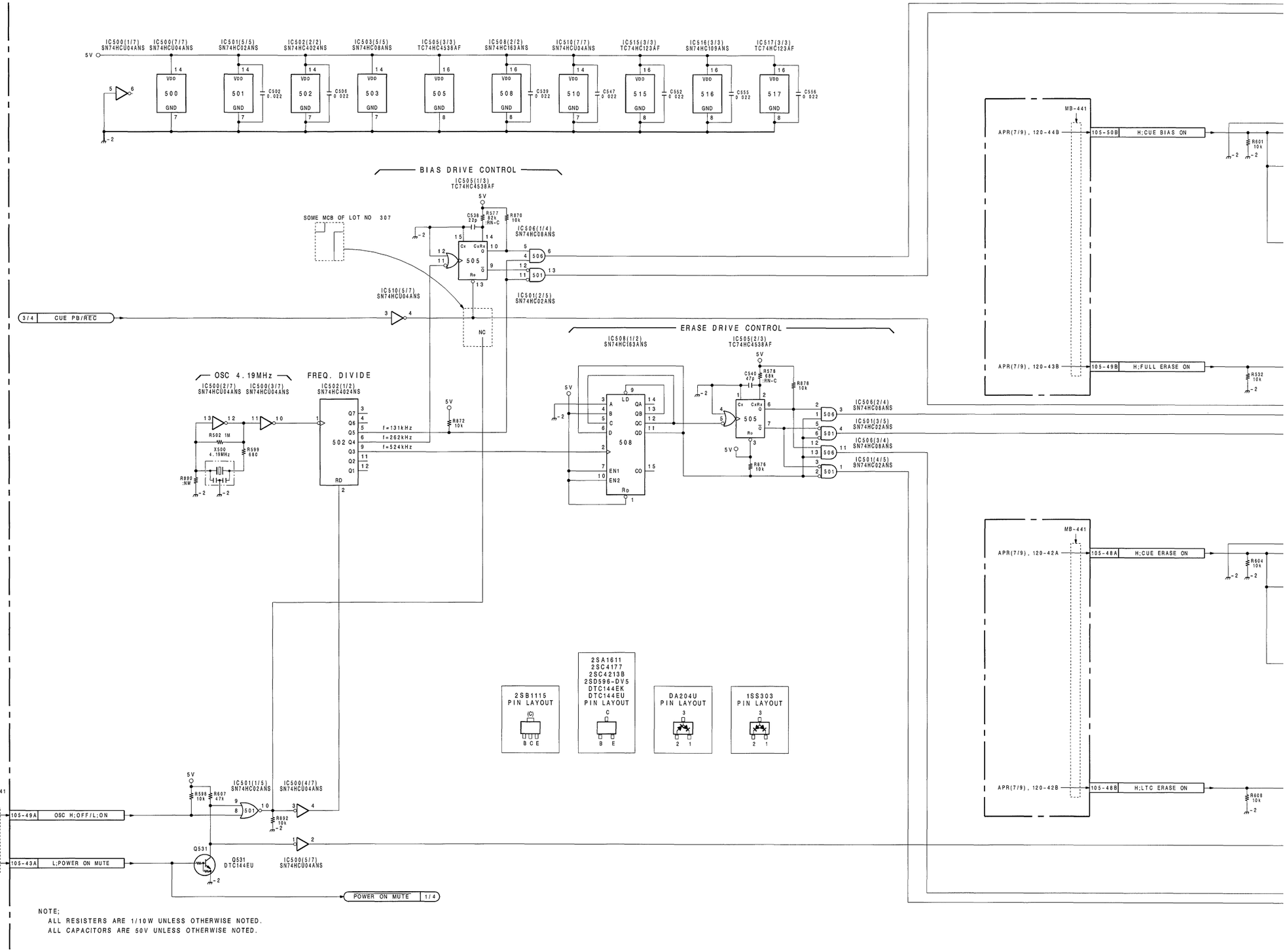
LTC REC/PB Process & Control Circuit

CUE-1AP/1 BOARD (3/4)

BOARD NO. 1-648-537-12/32
BOARD' S LOT NO. 307-402
DVW-A500P(EK) :CUE-1AP MCB
DVW-500P (EK) :CUE-1P MCB

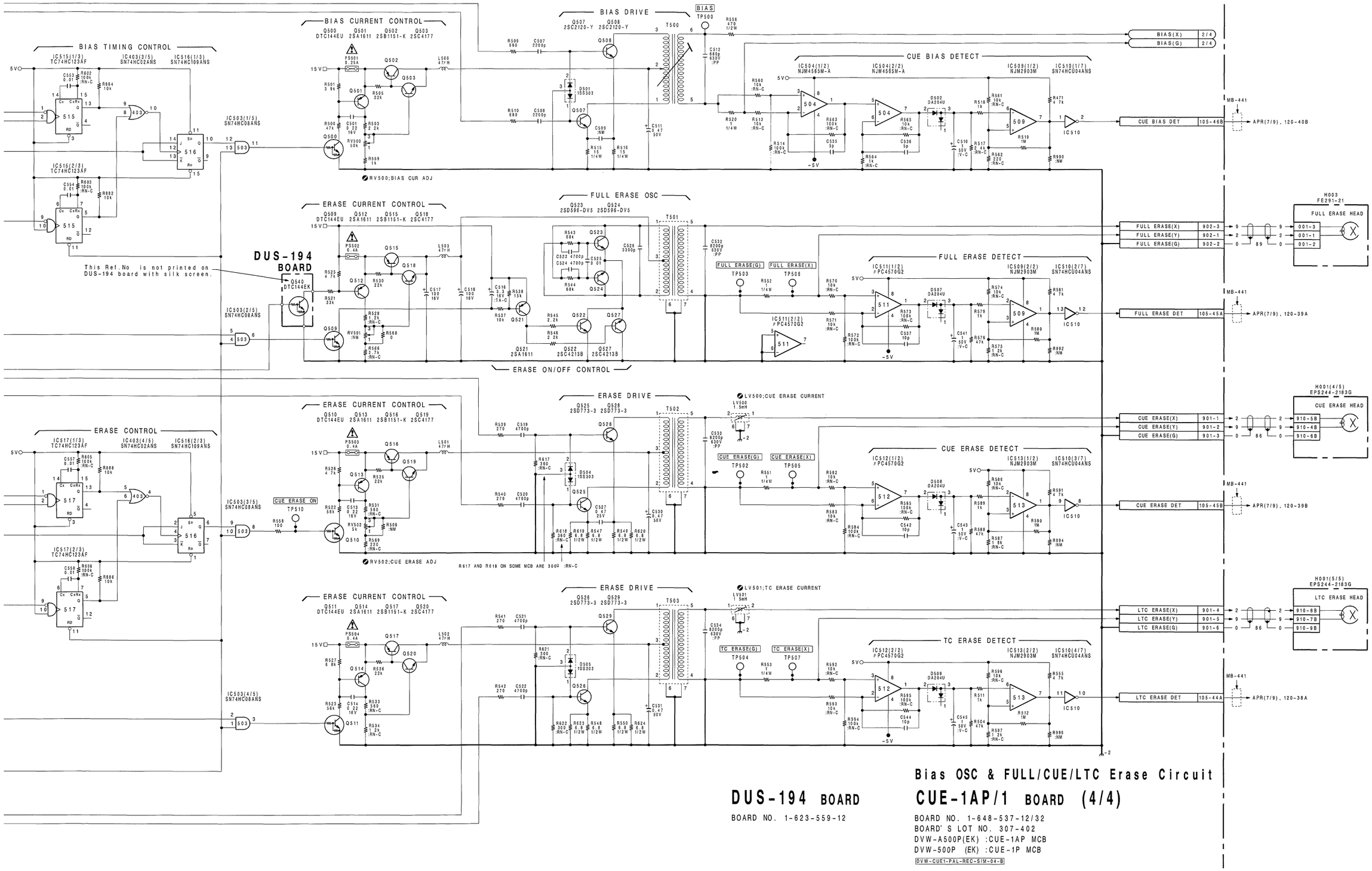
DVW-CUE1-PAL-REC-S/M-04-B

CUE-1AP/1 (4/4)



NOTE;
ALL RESISTERS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1-86 (b)



DUS-194 BOARD

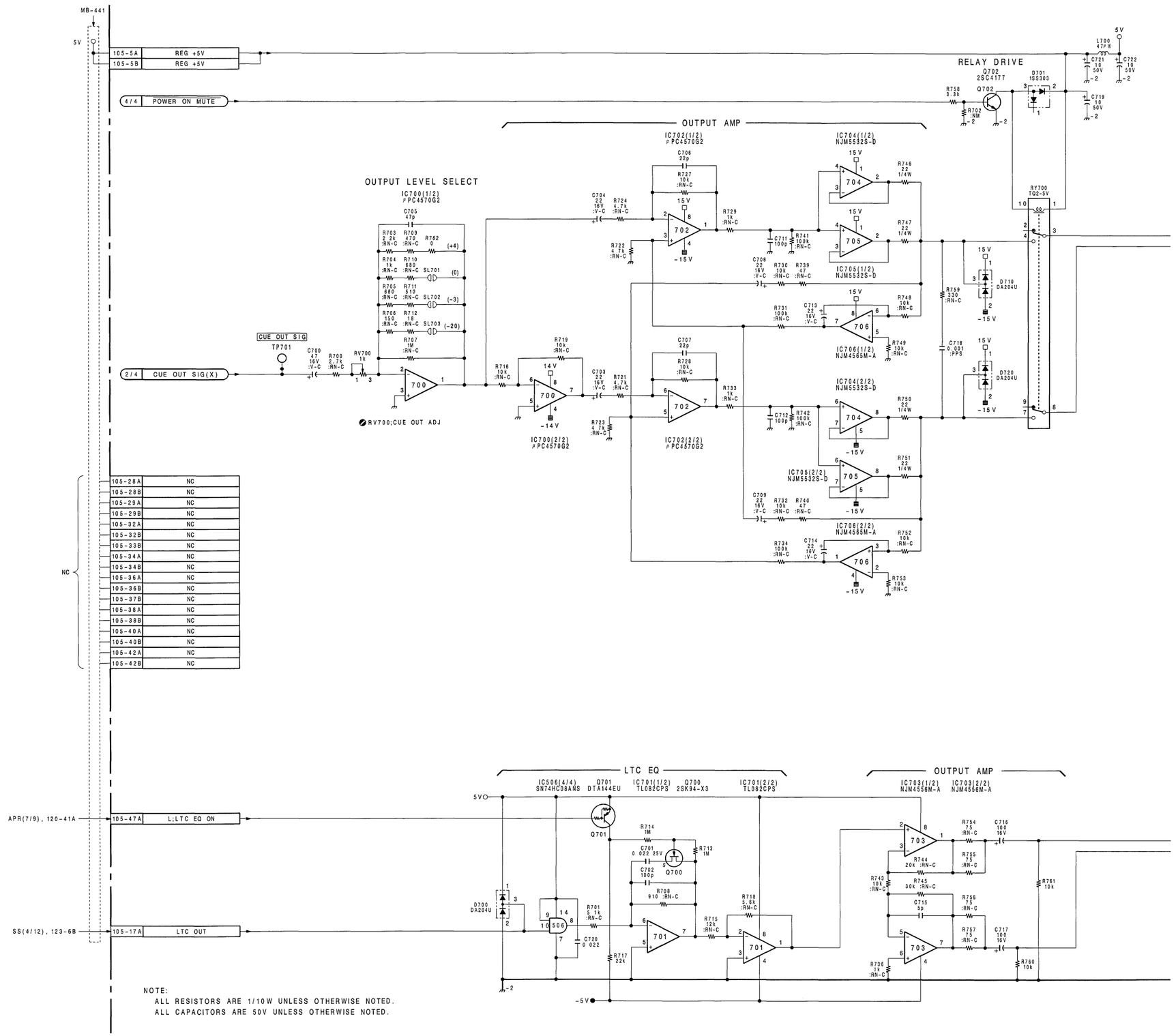
BOARD NO. 1-623-559-12

Bias OSC & FULL/CUE/LTC Erase Circuit

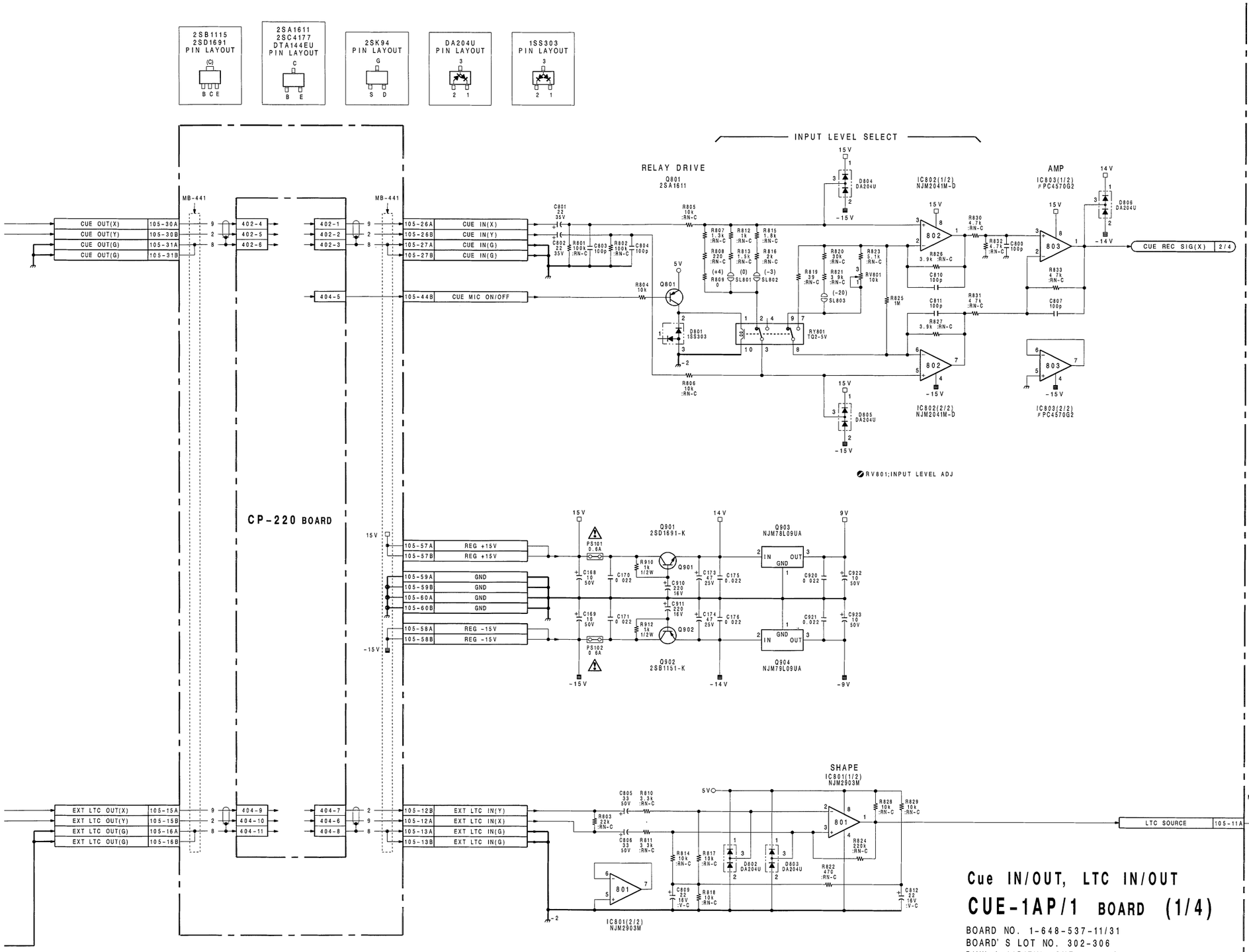
CUE-1AP/1 BOARD (4/4)

BOARD NO. 1-648-537-12/32
BOARD' S LOT NO. 307-402
DVW-A500P(EK) :CUE-1AP MCB
DVW-500P (EK) :CUE-1P MCB

DVW-CUE1-PAL-REC-S/M-04-B


MB-441
5V
105-5A REG +5V
105-5B REG +5V
4/4 POWER ON MUTE
RELAY DRIVE
Q702 2SC4177
D701 1SS303
R758 3.3k
Q702
R702 :NM
L700 47μH
C721 10 50V
C722 10 50V
C719 10 50V
OUTPUT AMP
IC702(1/2) μPC4570G2
IC704(1/2) NJM5532S-D
OUTPUT LEVEL SELECT
IC700(1/2) μPC4570G2
C705 47p
R703 2.2k :RN-C
R709 470 :RN-C
R762 0 (+4)
R704 1k :RN-C
R710 680 :RN-C
SL701 (0)
R705 680 :RN-C
R711 510 :RN-C
SL702 (-3)
R706 150 :RN-C
R712 18 :RN-C
SL703 (-20)
R767 1M :RN-C
CUE OUT SIG
TP701
C700 47 16V :V-C
R700 2.7k :RN-C
RV700 1k
2/4 CUE OUT SIG(X)
RV700;CUE OUT ADJ
C704 22 16V :V-C
R724 4.7k :RN-C
R722 4.7k :RN-C
C706 22p
R727 10k :RN-C
R729 1k :RN-C
C711 100p
R741 100k :RN-C
C708 22 16V :V-C
R730 10k :RN-C
R739 47 :RN-C
IC705(1/2) NJM5532S-D
R746 22 1/4W
R747 22 1/4W
R731 100k :RN-C
C713 22 16V :V-C
R748 10k :RN-C
IC706(1/2) NJM4565M-A
R749 10k :RN-C
R759 330 :RN-C
C718 0.001 :PPS
D710 DA204U
D720 DA204U
RY700 TQ2-5V
R719 10k :RN-C
R716 10k :RN-C
C703 22 16V :V-C
R721 4.7k :RN-C
R723 4.7k :RN-C
C707 22p
R728 10k :RN-C
R733 1k :RN-C
C712 100p
R742 100k :RN-C
IC704(2/2) NJM5532S-D
R750 22 1/4W
R751 22 1/4W
IC705(2/2) NJM5532S-D
C709 22 16V :V-C
R732 10k :RN-C
R740 47 :RN-C
IC706(2/2) NJM4565M-A
R734 100k :RN-C
C714 22 16V :V-C
R752 10k :RN-C
R753 10k :RN-C
IC700(2/2) μPC4570G2
IC702(2/2) μPC4570G2
NC
105-28A NC
105-28B NC
105-29A NC
105-29B NC
105-32A NC
105-32B NC
105-33B NC
105-34A NC
105-34B NC
105-36A NC
105-36B NC
105-37B NC
105-38A NC
105-38B NC
105-40A NC
105-40B NC
105-42A NC
105-42B NC
APR(7/9), 120-41A
105-47A L;LTC EQ ON
SS(4/12), 123-6B
105-17A LTC OUT
LTC EQ
IC506(4/4) SN74HC08ANS
Q701 DTA144EU
IC701(1/2) TL082CPS
Q700 2SK94-X3
IC701(2/2) TL082CPS
5VO
Q701
R714 1M
C701 0.022 25V
Q700
R713 1M
C702 100p
R708 910 :RN-C
D700 DA204U
R701 5.1k :RN-C
C720 0.022
R717 22k
R715 12k :RN-C
R718 5.6k :RN-C
-5V
OUTPUT AMP
IC703(1/2) NJM4556M-A
IC703(2/2) NJM4556M-A
R754 75 :RN-C
C716 100 16V
R744 20k :RN-C
R755 75 :RN-C
R743 10k :RN-C
R745 30k :RN-C
R756 75 :RN-C
C715 5p
R757 75 :RN-C
C717 100 16V
R736 1k :RN-C
R760 10k
R761 10k
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

CUE-1AP/1 (1/4)



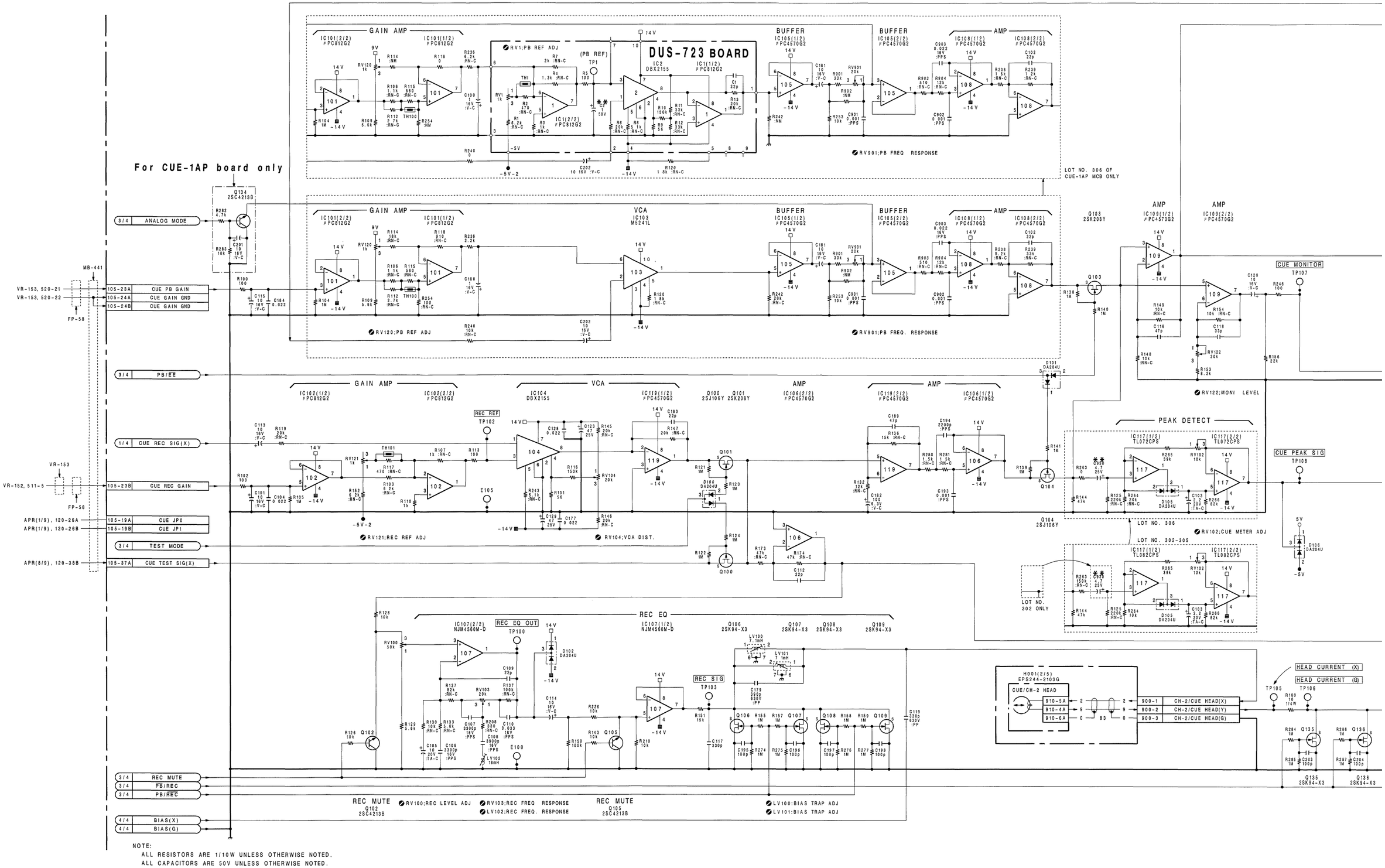
Cue IN/OUT, LTC IN/OUT

CUE-1AP/1 BOARD (1/4)

BOARD NO. 1-648-537-11/31
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :CUE-1AP MCB
DVW-A500P(UC) :CUE-1APG MCB
DVW-500P (EK) :CUE-1P MCB

DVW-CUE1-PAL-REC-S/M-04-A

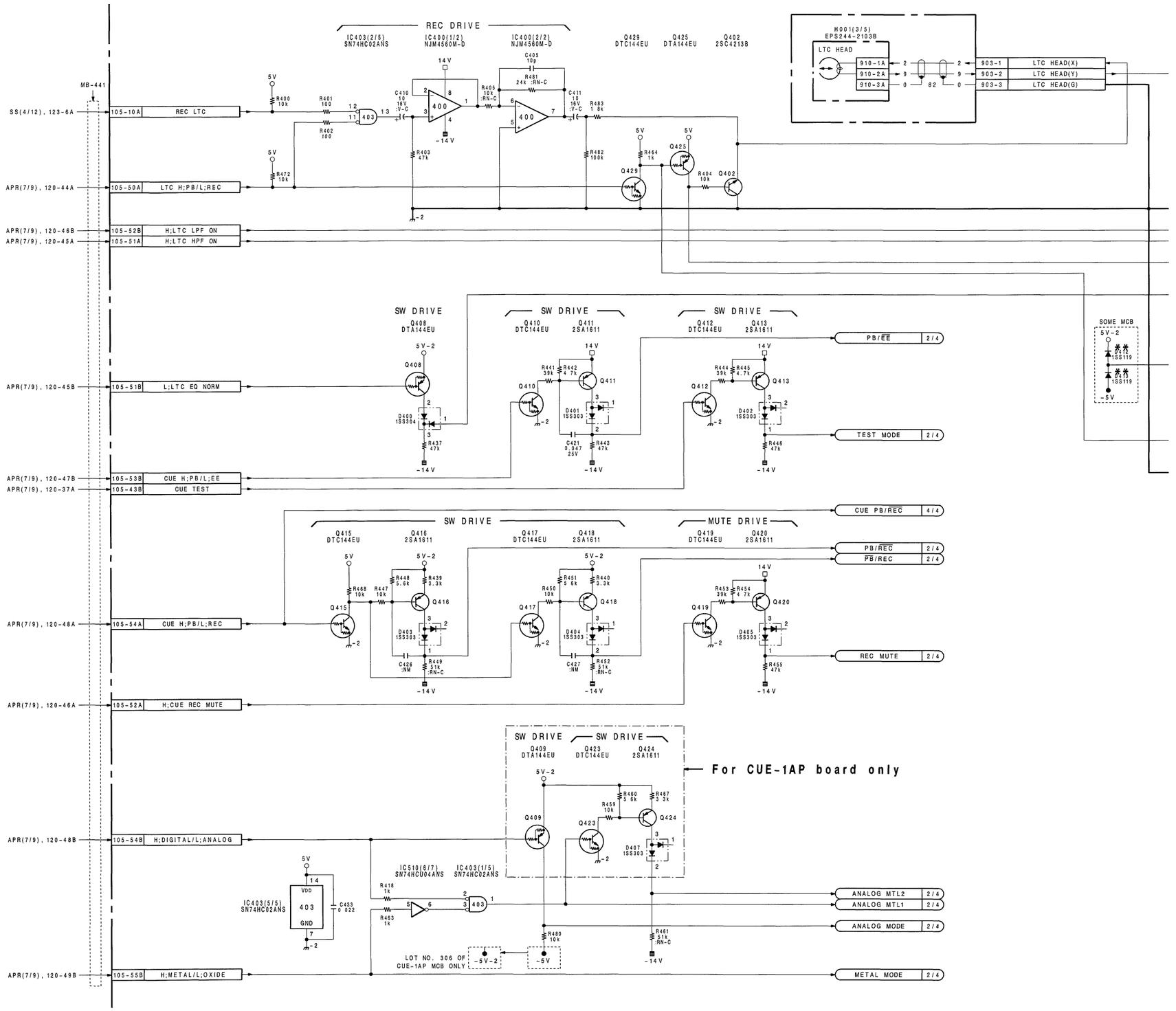
CUE-1AP/1 (2/4)



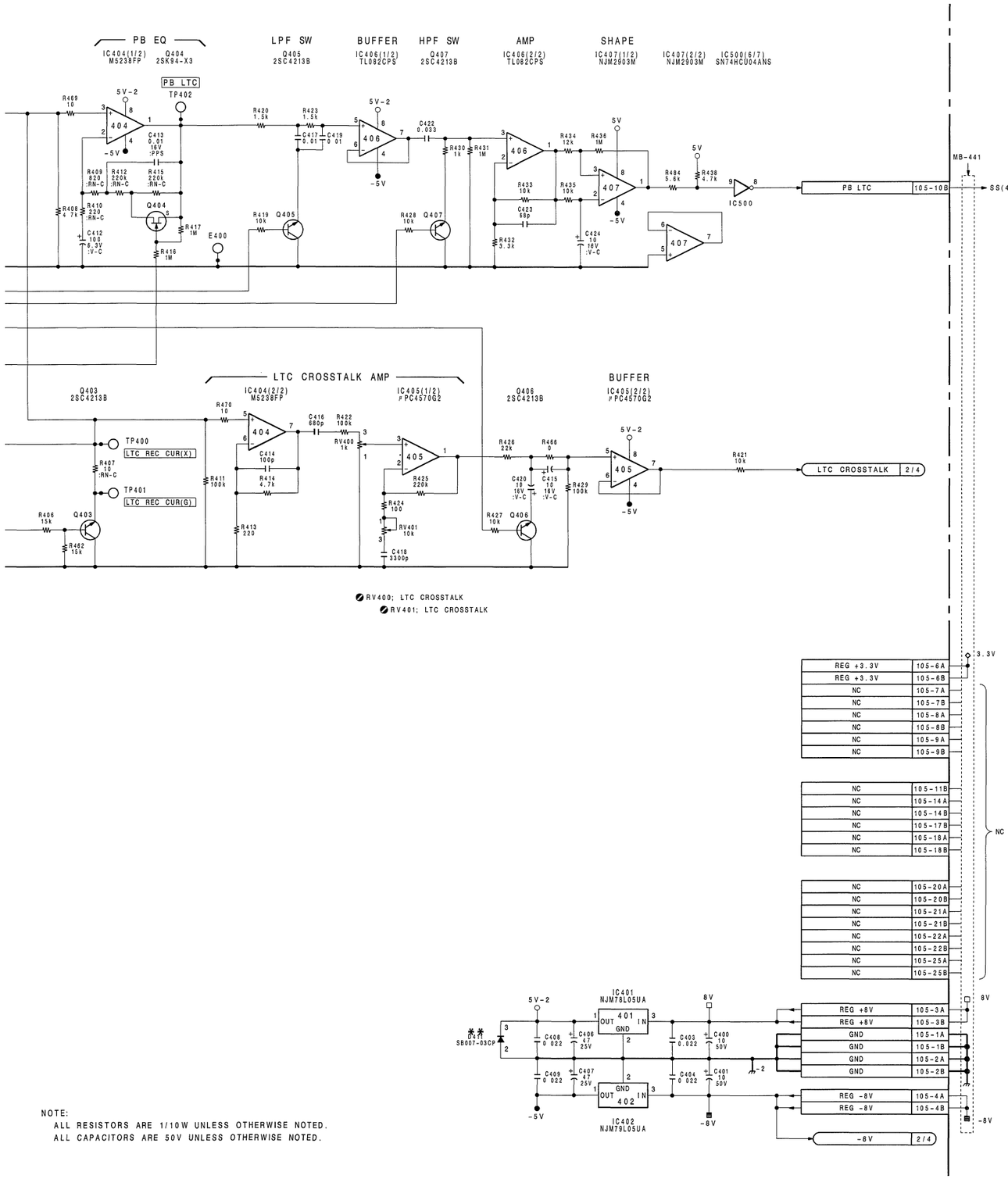
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

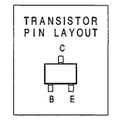
2SC4213B PIN LAYOUT
2SK94 2SK208Y 2SJ106Y PIN LAYOUT
DA204U PIN LAYOUT
1SS303 PIN LAYOUT
The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.
CUE-1AP BOARD: 1-648-537-11
CUE-1 BOARD: 1-648-537-31
DUS-723 BOARD: 0-275-770-02
CUE EE DETECT
BUFFER
CUE OUT DETECT
CUE EE DET
CUE OUT DET
PB CH-1 SIG(X)
PB CH-1 SIG(G)
PB CH-2 SIG(X)
PB CH-2 SIG(G)
CUE OUT SIG(X)
CUE MONITOR(X)
CUE MONITOR(G)
CUE PEAK SIGNAL
CH-1 HEAD
CH-1 HEAD TUNE
CUE/CH-2 HEAD TUNE
PB EQ
EQ SW
ATT & EQ
LAU MUTE
AUDIO ATT
SLOW EQ
OUTPUT AMP
AMP
CUE MUTE
CONTOUR EFFECT COMPENSATOR
CUE PB SIG
CH-1 PB SIG
CH-2 PB SIG
For CUE-1AP board only
DVW-A500P only
CUE-1AP MCB SHORT
CUE-1APG MCB SHORT
CUE-1P MCB OPEN
R304 R261
CUE-1AP MCB NO MOUNTED NO MOUNTED
CUE-1APG MCB NO MOUNTED NO MOUNTED
CUE-1P MCB 39k :RN-C 3.6k :RN-C
VCA
DUS-723 BOARD
BOARD NO. 0-275-770-02
Cue REC/PB & Audio CH-1/CH-2 PB Process
CUE-1AP/1 BOARD (2/4)
BOARD NO. 1-648-537-11/31
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :CUE-1AP MCB
DVW-A500P(UC) :CUE-1APG MCB
DVW-500P (EK) :CUE-1P MCB
DVW-CUE1-PAL-REC-S/M-04-A

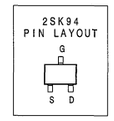
CUE-1AP/1 (3/4)

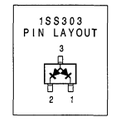


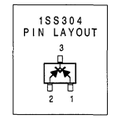
1-84 (a)

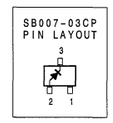












The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

CUE-1AP BOARD: 1-648-537-11
CUE-1 BOARD: 1-648-537-31

NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

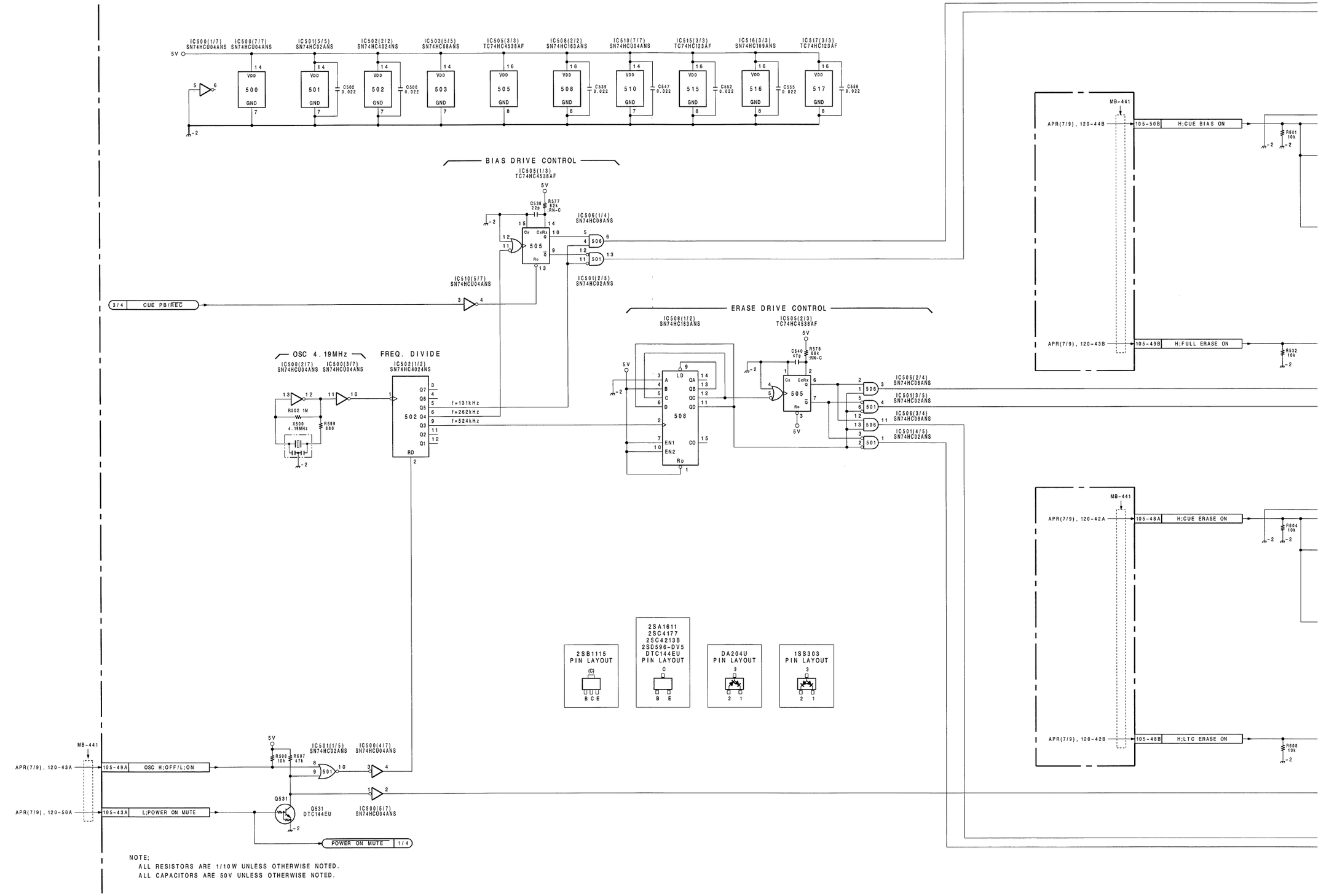
LTC REC/PB Process & Control Circuit

CUE-1AP/1 BOARD (3/4)

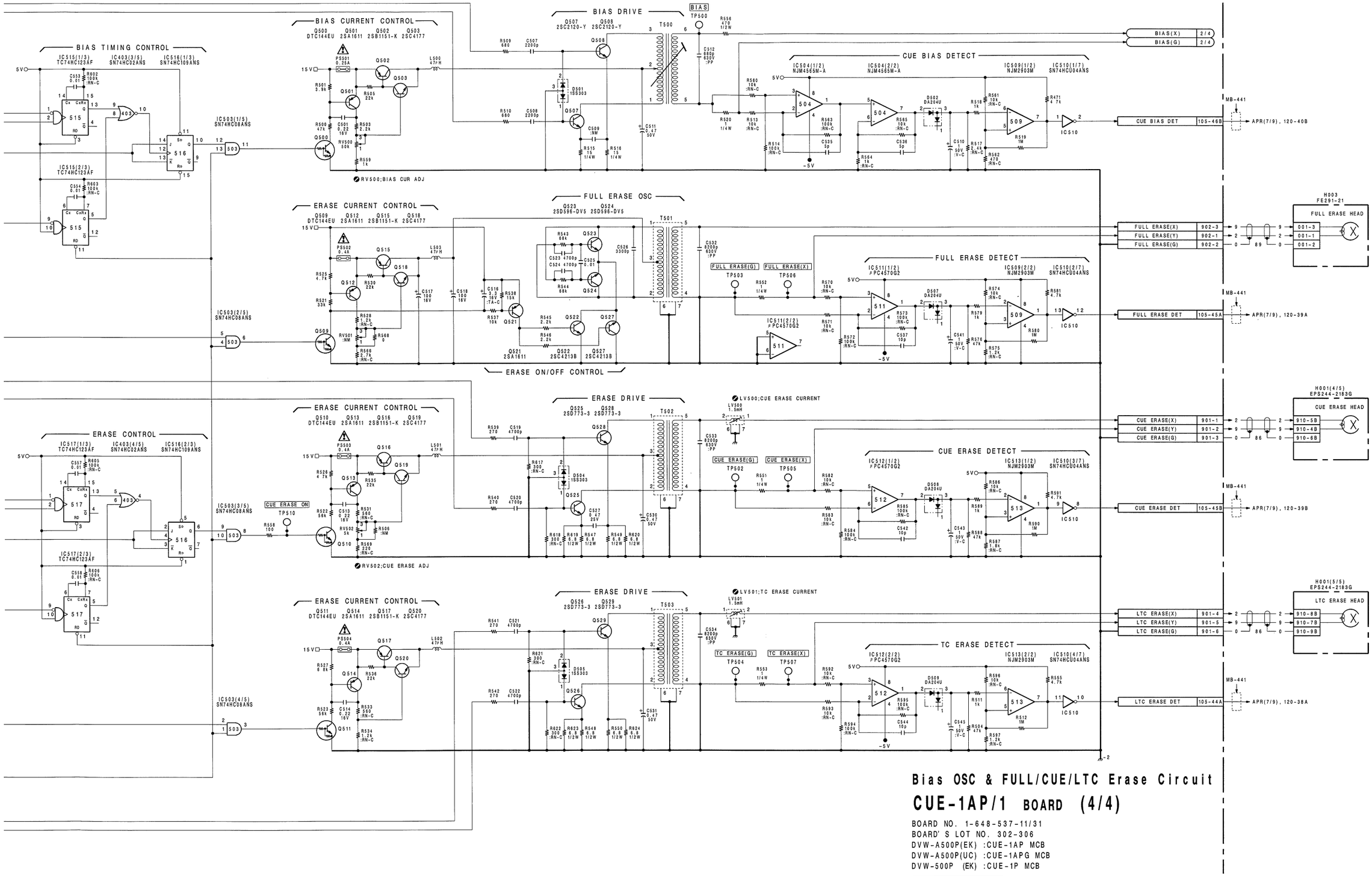
BOARD NO. 1-648-537-11/31
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :CUE-1AP MCB
DVW-A500P(UC) :CUE-1APG MCB
DVW-500P (EK) :CUE-1P MCB

DVW-CUE1-PAL-REC-S/M-04-A

CUE-1AP/1 (4/4)



1-86 (a)



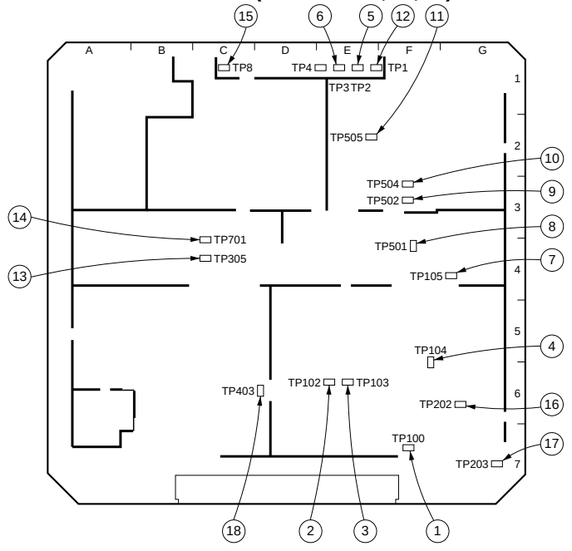
Bias OSC & FULL/CUE/LTC Erase Circuit

CUE-1AP/1 BOARD (4/4)

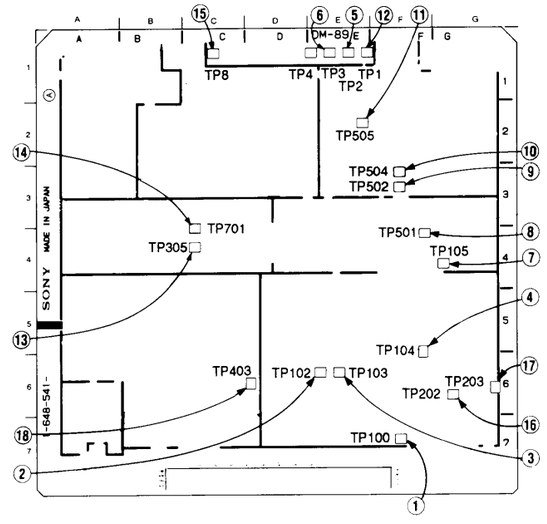
BOARD NO. 1-648-537-11/31
BOARD' S LOT NO. 302-306
DVW-A500P(EK) :CUE-1AP MCB
DVW-A500P(UC) :CUE-1APG MCB
DVW-500P (EK) :CUE-1P MCB

DVW-CUE1-PAL-REC-S/M-04-A

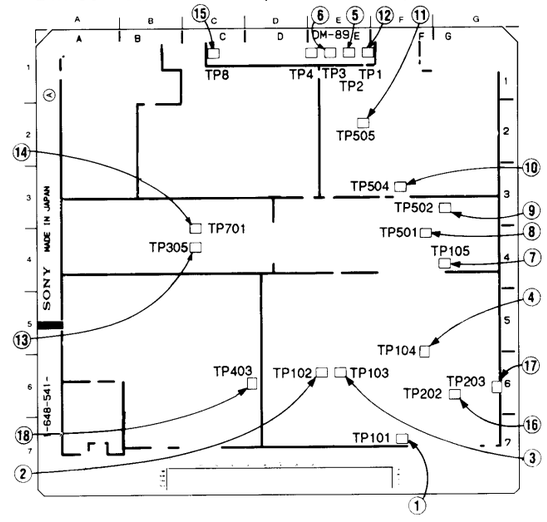
DM-89 Board -A Side- (1-648-541-15, 16, 17)



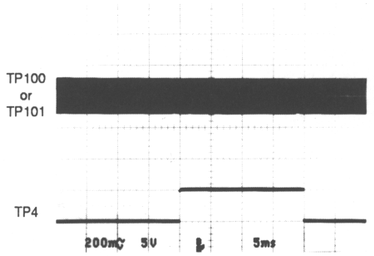
DM-89 Board -A Side- (1-648-541-13, 14)



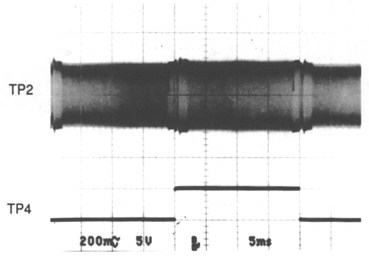
DM-89 Board -A Side- (1-648-541-11, 12)



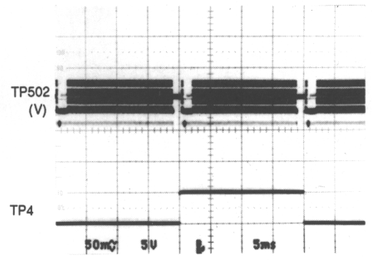
① TP100/101 (F-7) PB mode
TP4 (E-1) (TRIG)



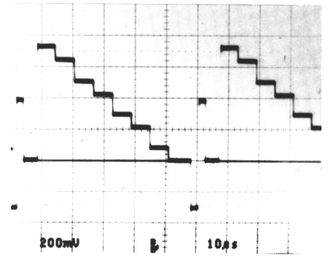
⑤ TP2(E-1) PB mode
TP4(E-1)(TRIG)



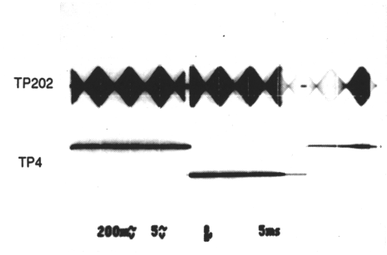
⑨ TP502 (F-3/G-3) PB mode
TP4(E-1)(TRIG)



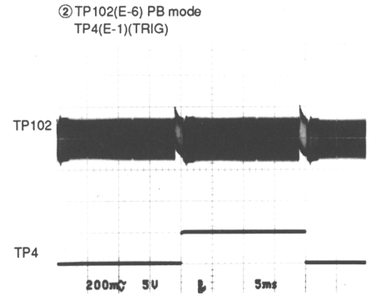
⑫ TP1(E-1) PB mode



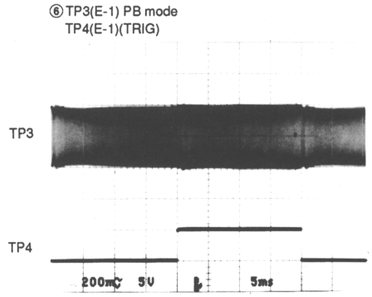
⑯ TP202(G-6) ×–3 SPEED mode
TP4(E-1)(TRIG)

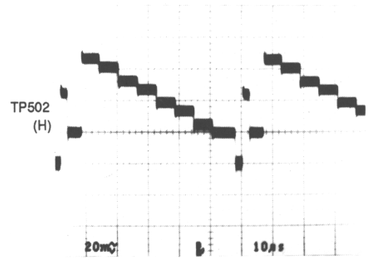


② TP102(E-6) PB mode
TP4(E-1)(TRIG)

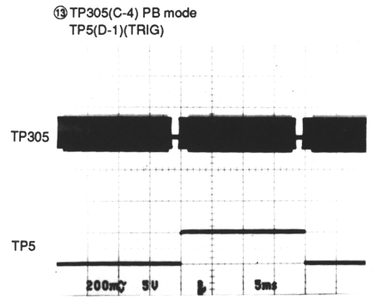


⑥ TP3(E-1) PB mode
TP4(E-1)(TRIG)

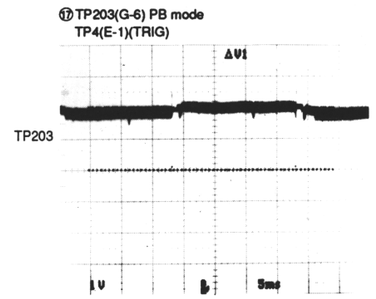




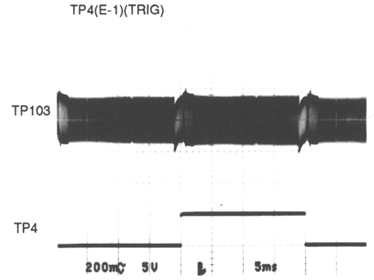
⑬ TP305(C-4) PB mode
TP5(D-1)(TRIG)



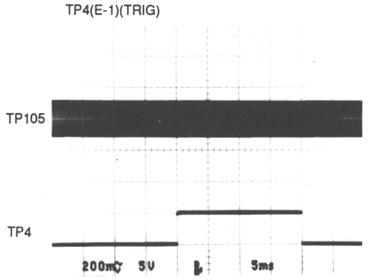
⑰ TP203(G-6) PB mode
TP4(E-1)(TRIG)



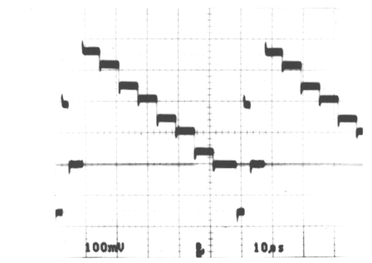
③ TP103(E-6) PB mode
TP4(E-1)(TRIG)



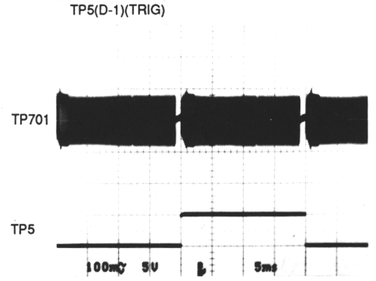
⑦ TP105(G-4) PB mode
TP4(E-1)(TRIG)



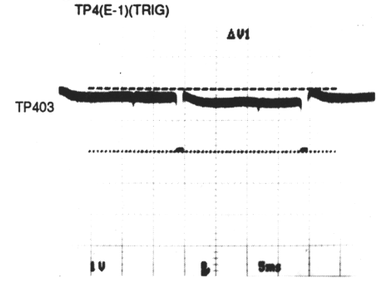
⑩ TP504 (F-2/F-3) PB mode



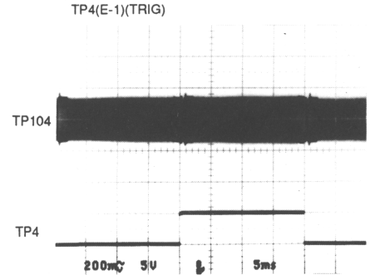
⑭ TP701(C-4) PB mode
TP5(D-1)(TRIG)



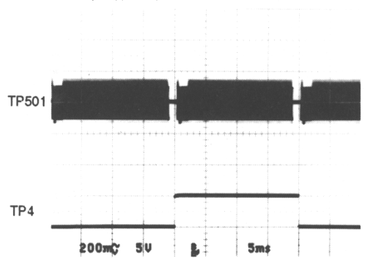
⑱ TP403(D-6) PB mode
TP4(E-1)(TRIG)



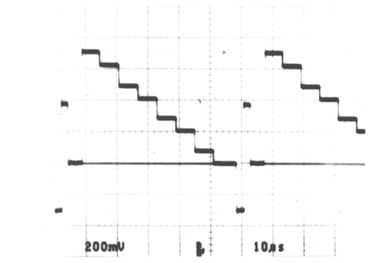
④ TP104(F-5) PB mode
TP4(E-1)(TRIG)



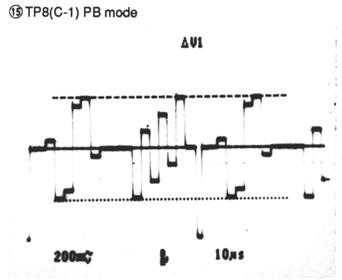
⑧ TP501(F-4) PB mode
TP4(E-1)(TRIG)



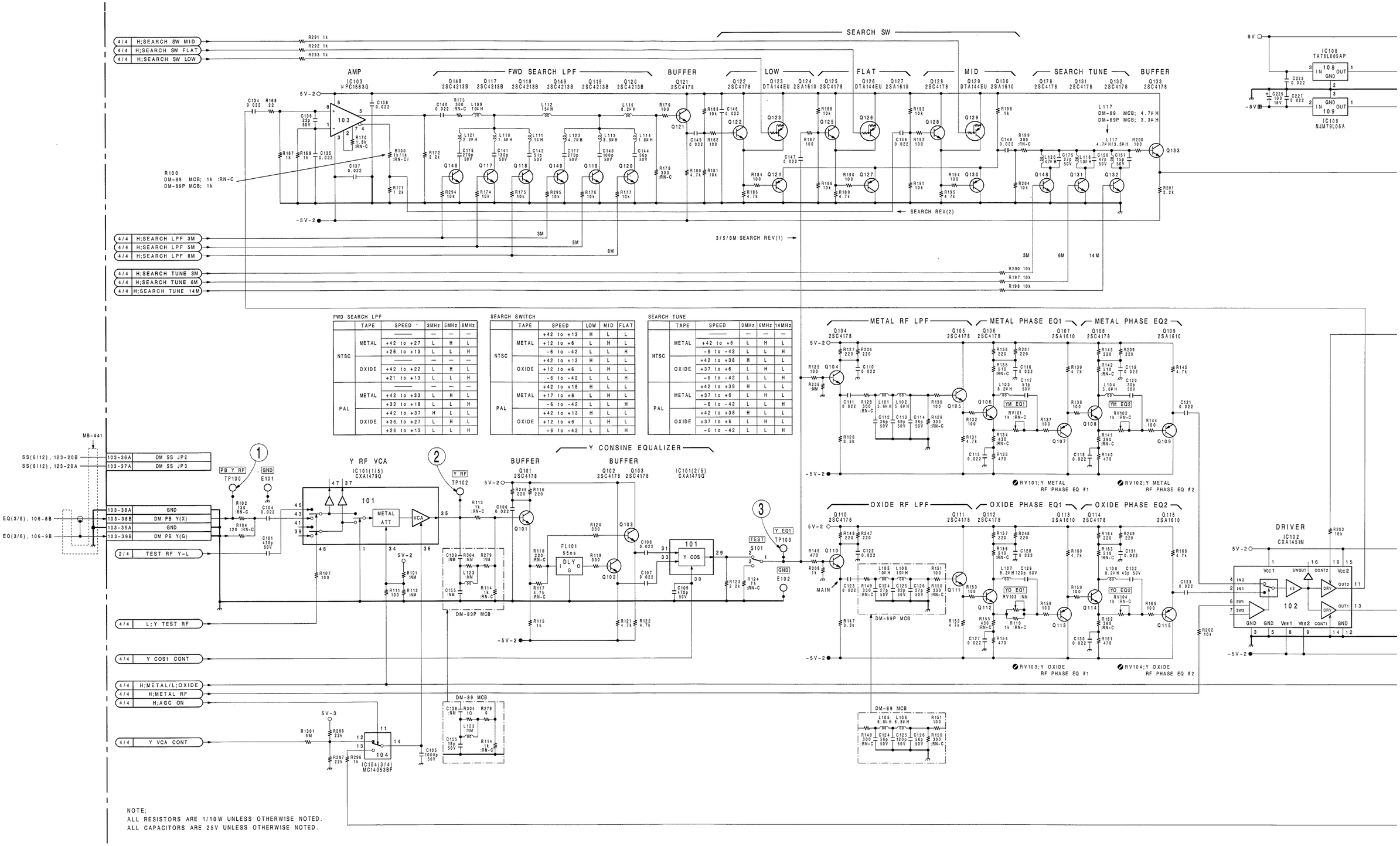
⑪ TP505(E-2) PB mode



⑮ TP8(C-1) PB mode



Measurement Condition
MODE : PB mode
: ×–3 SPEED mode
TAPE : CR5-1BPS



FWD SEARCH LPF

	TAPE	SPEED	3MHz	5MHz	8MHz
NTSC	METAL	———	—	—	—
		+42 to +27	L	H	L
		+26 to +13	L	L	H
	OXIDE	———	—	—	—
		+42 to +22	L	H	L
		+21 to +13	L	L	H
PAL	METAL	———	—	—	—
		+42 to +33	L	H	L
		+32 to +18	L	L	H
	OXIDE	+42 to +37	H	L	L
		+36 to +27	L	H	L
		+26 to +13	L	L	H

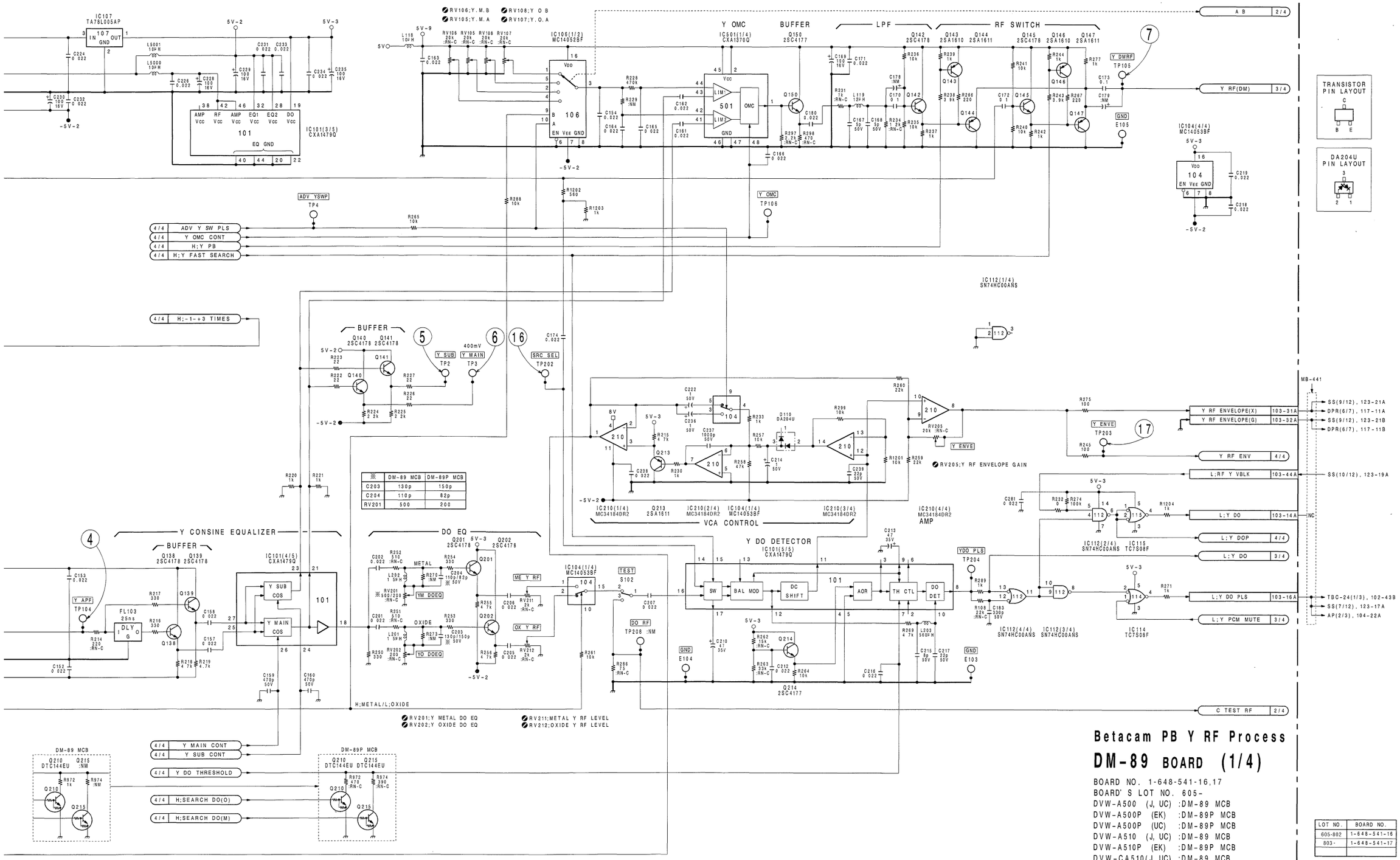
SEARCH SWITCH

	TAPE	SPEED	LOW	MID	FLAT
NTSC	METAL	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H
PAL	METAL	+42 to +18	H	L	L
		+17 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H

SEARCH TUNE

	TAPE	SPEED	3MHz	6MHz	14MHz
NTSC	METAL	———	—	—	—
		+42 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +38	H	L	L
		+37 to +6	L	H	L
		-6 to -42	L	L	H
PAL	METAL	+42 to +38	H	L	L
		+37 to +5	L	H	L
		-6 to -42	L	L	H
	OXIDE	+37 to +6	L	H	L
		-6 to -42	L	L	H

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



※	DM-89 MCB	DM-89P MCB
C203	130p	150p
C204	110p	82p
RV201	500	200

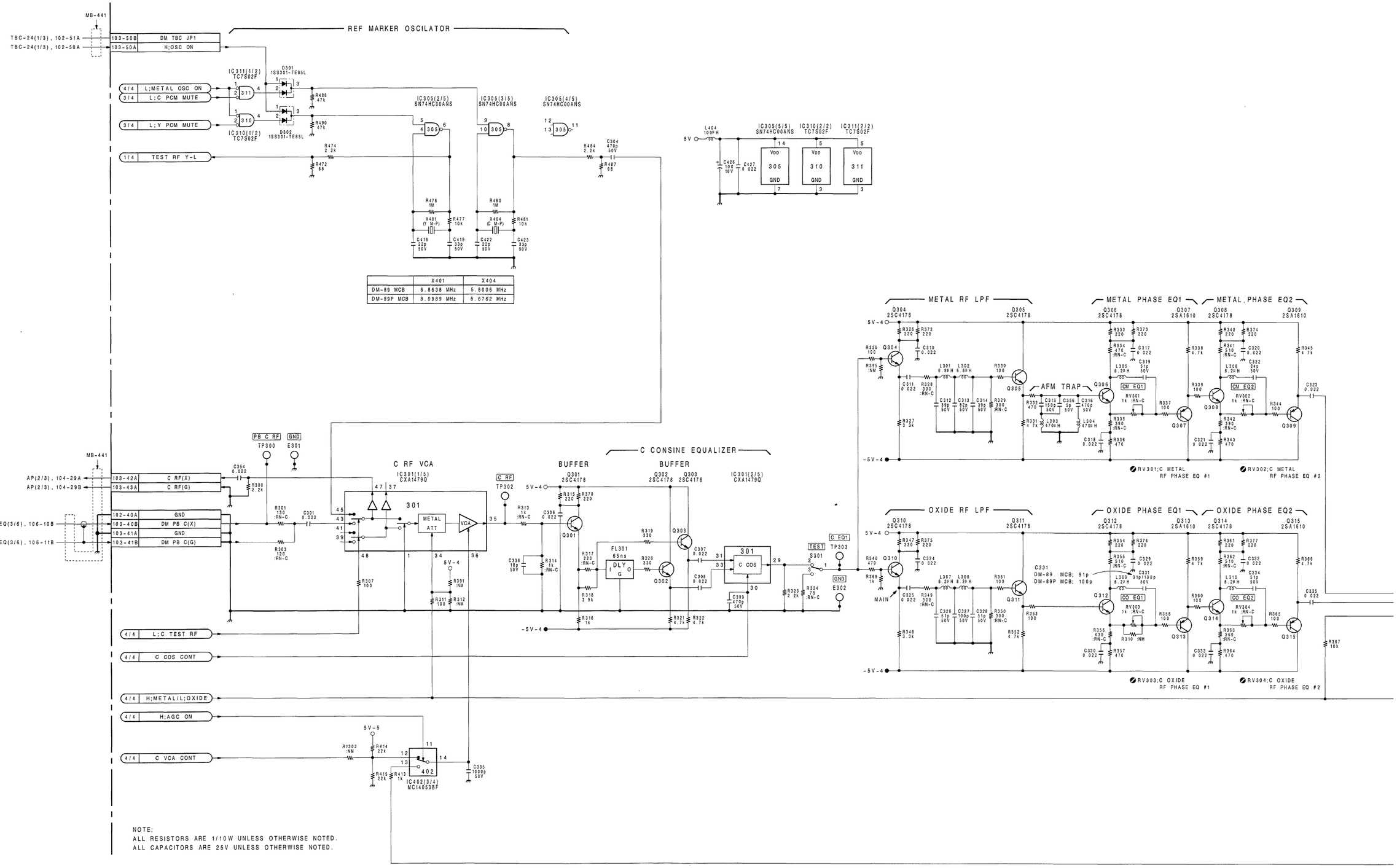
Betacam PB Y RF Process

DM-89 BOARD (1/4)

BOARD NO. 1-648-541-16,17
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

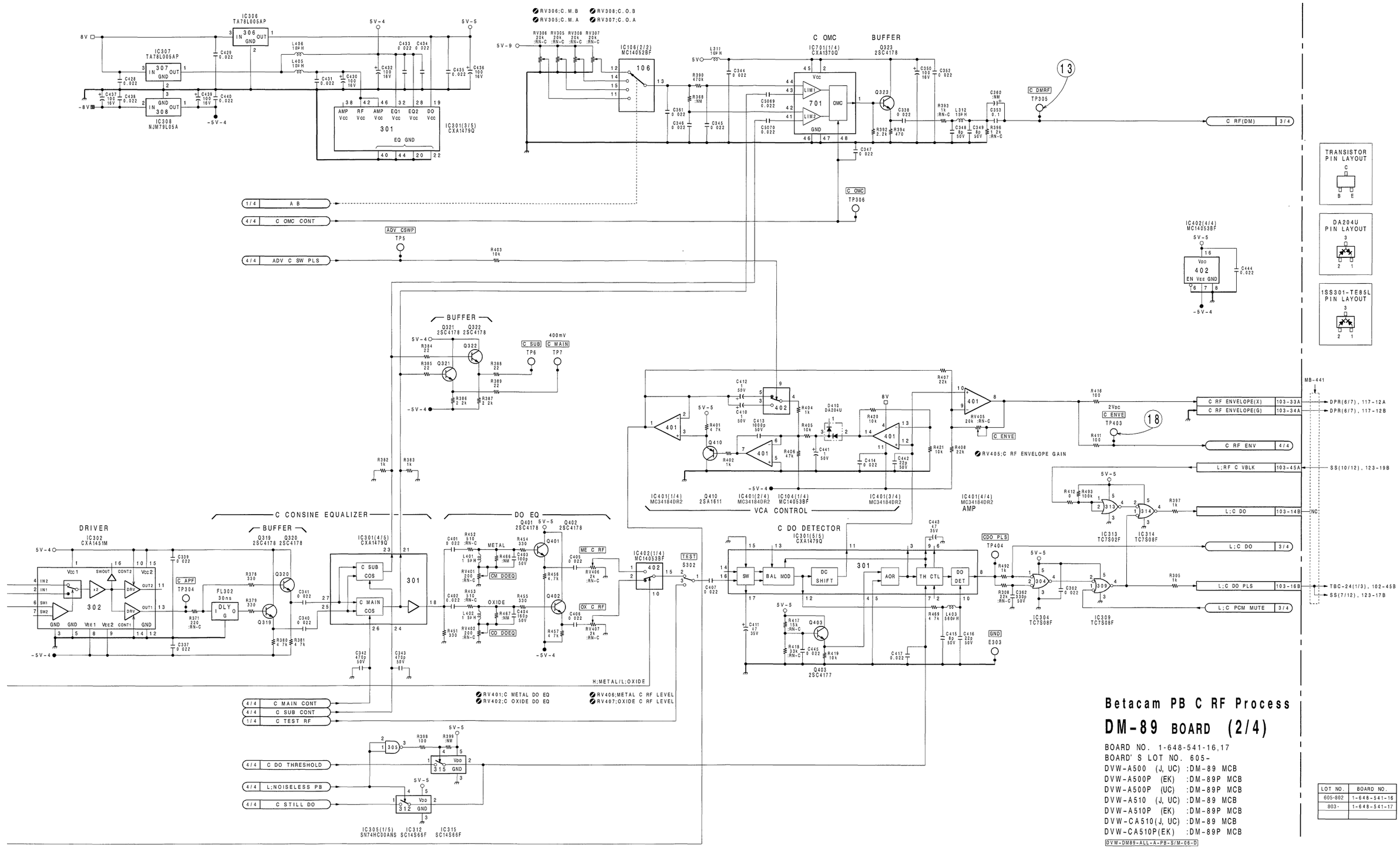
DVW-DM89-ALL-A-PB-S/M-06-D

LOT NO.	BOARD NO.
605-802	1-648-541-16
803-	1-648-541-17



	X401	X404
DM-89 MCB	6.8638 MHz	5.8006 MHz
DM-89P MCB	8.0989 MHz	5.6762 MHz

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



Betacam PB C RF Process

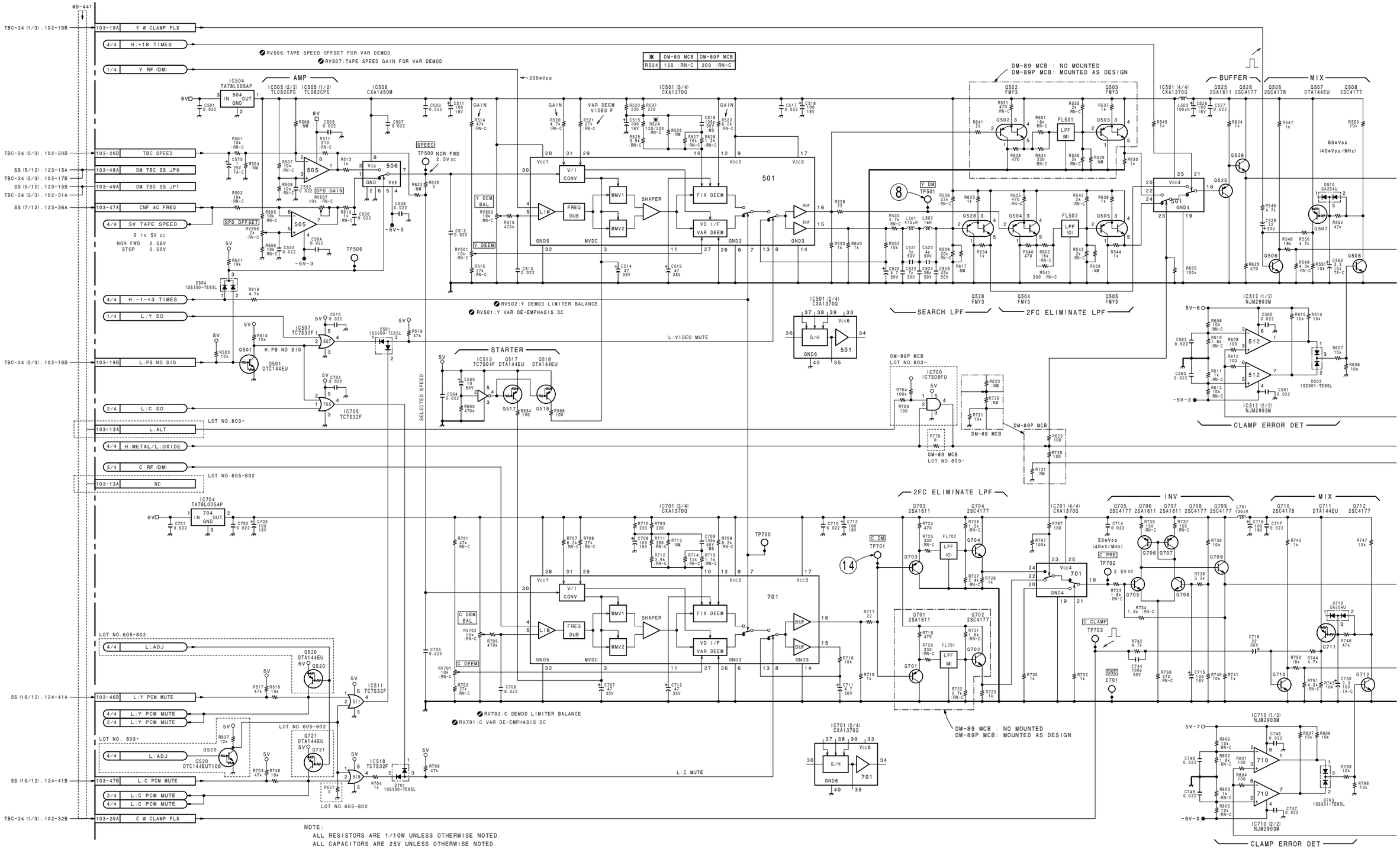
DM-89 BOARD (2/4)

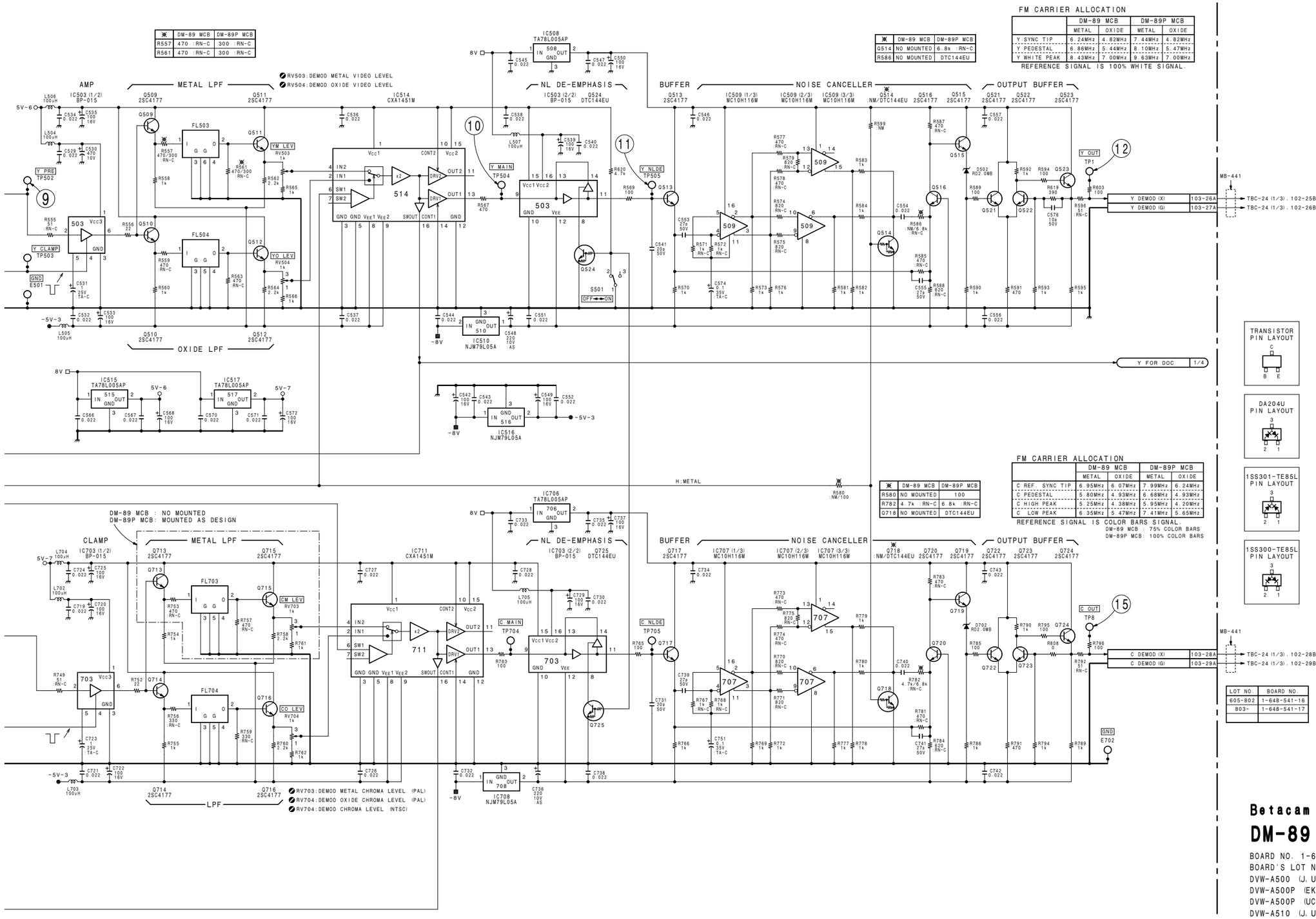
BOARD NO. 1-648-541-16,17
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-D

LOT NO.	BOARD NO.
605-802	1-648-541-16
803-	1-648-541-17

DM-89 (3/4)


TBC-24 (1/3) , 102-19B
103-19A Y W CLAMP PLS
4/4 H:+18 TIMES
1/4 Y RF (DM)
RV506:TAPE SPEED OFFSET FOR VAR DEMOD
RV507:TAPE SPEED GAIN FOR VAR DEMOD
AMP
IC504 TA78L005AP
IC505 (2/2) TL082CPS
IC505 (1/2) TL082CPS
IC506 CXA1450M
200mVpp
IC501 (3/4) CXA1370Q
DM-89 MCB : NO MOUNTED
DM-89P MCB: MOUNTED AS DESIGN
BUFFER
MIX
TBC-24 (2/3) , 102-20B
103-20B TBC SPEED
SS (5/12) , 123-15A
103-48A DM TBC SS JP0
TBC-24 (2/3) , 102-17B
SS (5/12) , 123-15B
103-49A DM TBC SS JP1
TBC-24 (3/3) , 102-31A
SS (7/12) , 123-36A
103-47A CNF AC FREQ
4/4 SV TAPE SPEED
0 to 5V DC
NOR FWD 2.56V
STOP 2.50V
SPD OFFSET
SPD GAIN
SPEED
TP500 NOR FWD 2.5V DC
Y DEM BAL
Y DEEM
C DEM BAL
C DEEM
V/I CONV.
LIM
FREQ DUB
MMV1
MMV2
SHAPER
FIX DEEM
VD I/F VAR DEEM
VAR DEEM VIDEO F
GAIN
MVDC
501
RV502:Y DEMOD LIMITER BALANCE
RV501:Y VAR DE-EMPHASIS DC
RV702:C DEMOD LIMITER BALANCE
RV701:C VAR DE-EMPHASIS DC
Y DM
TP501
C DM
TP701
C PRE
TP702
C CLAMP
TP703
TP700
SEARCH LPF
2FC ELIMINATE LPF
INV
MIX
CLAMP ERROR DET
IC501 (4/4) CXA1370Q
IC501 (2/4) CXA1370Q
IC701 (3/4) CXA1370Q
IC701 (4/4) CXA1370Q
IC512 (1/2) NJM2903M
IC512 (2/2) NJM2903M
IC710 (1/2) NJM2903M
IC710 (2/2) NJM2903M
DM-89P MCB LOT NO.803-
DM-89 MCB
DM-89P MCB
DM-89 MCB LOT NO.803-
DM-89 MCB : NO MOUNTED
DM-89P MCB: MOUNTED AS DESIGN
DM-89 MCB | DM-89P MCB
R524 120 :RN-C | 200 :RN-C
STARTER
IC513 TC7S04F
IC507 TC7S32F
IC511 TC7S32F
IC518 TC7S32F
IC705 TC7S32F
H:PB NO SIG
L:PB NO SIG
L:VIDEO MUTE
SELECTED SPEED
TBC-24 (2/3) , 102-18B
103-19B L:PB NO SIG
2/4 L:C DO
LOT NO.803-
103-13A L:ALT
4/4 H:METAL/L:OXIDE
2/4 C RF (DM)
LOT NO.605-802
103-13A NC
IC704 TA78L005AP
LOT NO.605-802
4/4 L:ADJ
SS (10/12) , 124-41A
103-46B L:Y PCM MUTE
4/4 L:Y PCM MUTE
2/4 L:Y PCM MUTE
LOT NO. 803-
4/4 L:ADJ
SS (10/12) , 124-41B
103-47B L:C PCM MUTE
2/4 L:C PCM MUTE
4/4 L:C PCM MUTE
TBC-24 (1/3) , 102-32B
103-20A C W CLAMP PLS
L:C MUTE
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



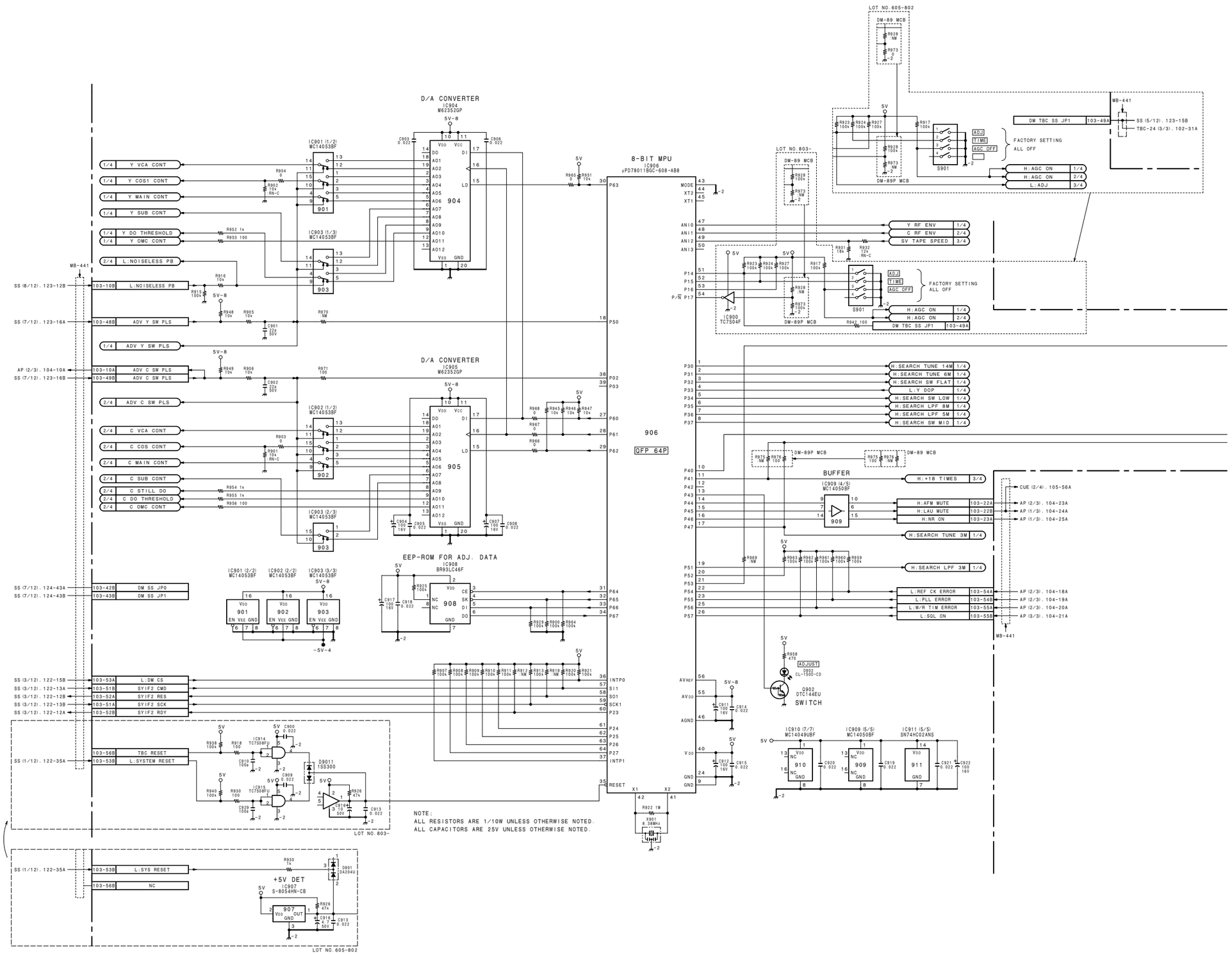
LOT NO.	BOARD NO.
605-802	1-648-541-16
803-	1-648-541-17

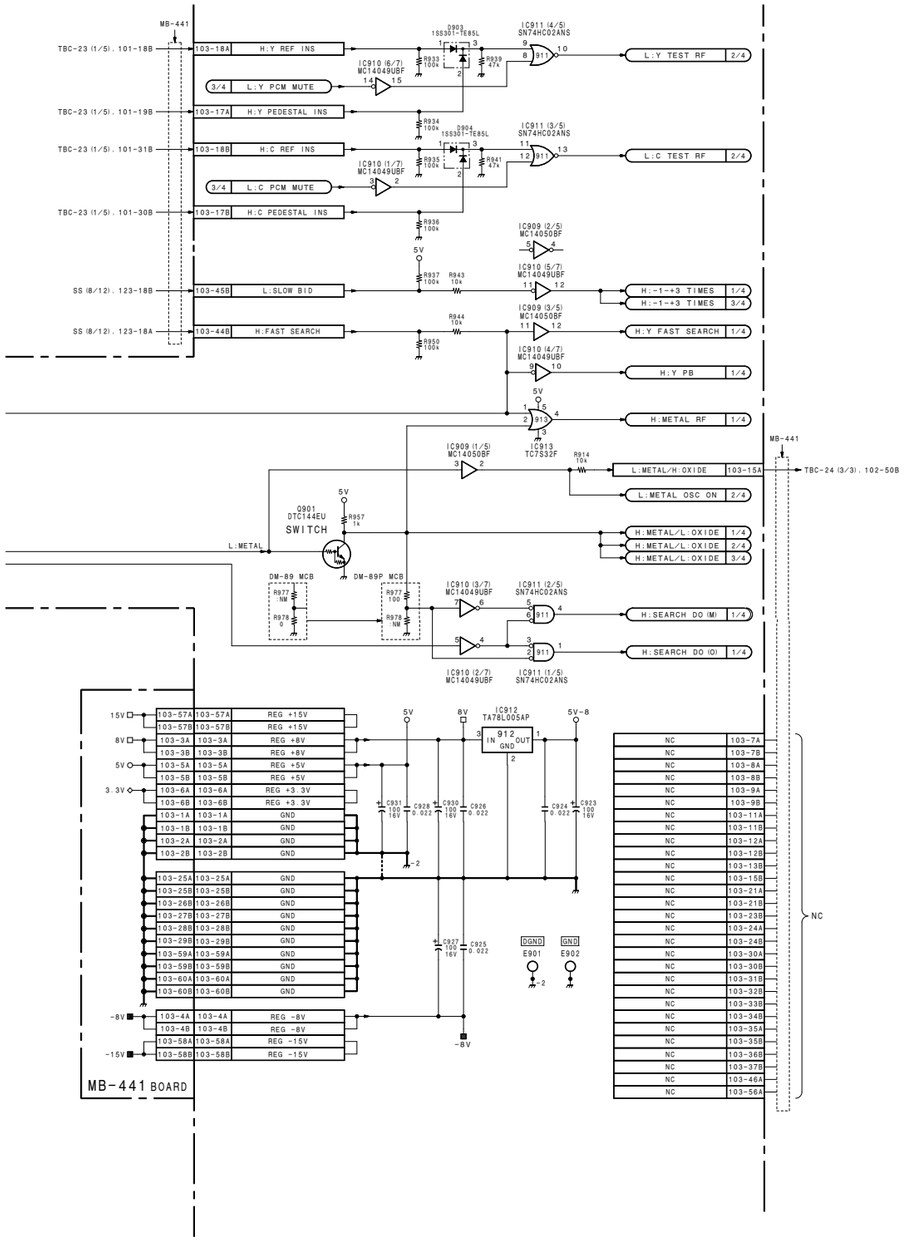
Betacam PB Y/C Demod Process

DM-89 BOARD (3/4)

BOARD NO. 1-648-541-16, 17
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : DM-89 MCB
DVW-A500P (EK) : DM-89P MCB
DVW-A500P (UC) : DM-89P MCB
DVW-A510 (J, UC) : DM-89 MCB
DVW-A510P (EK) : DM-89P MCB
DVW-CA510 (J, UC) : DM-89 MCB
DVW-CA510P (EK) : DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-D


D/A CONVERTER
IC904
M62352GP
IC901 (1/2)
MC14053BF
IC903 (1/3)
MC14053BF
IC902 (1/2)
MC14053BF
IC903 (2/3)
MC14053BF
D/A CONVERTER
IC905
M62352GP
8-BIT MPU
IC906
μPD78011BGC-608-AB8
906
QFP 64P
EEP-ROM FOR ADJ. DATA
IC908
BR93LC46F
IC901 (2/2)
MC14053BF
IC902 (2/2)
MC14053BF
IC903 (3/3)
MC14053BF
Y VCA CONT
Y COS CONT
Y MAIN CONT
Y SUB CONT
Y DO THRESHOLD
Y OMC CONT
L:NOISELESS PB
L:NOISELESS PB
ADV Y SW PLS
ADV Y SW PLS
ADV C SW PLS
ADV C SW PLS
C VCA CONT
C COS CONT
C MAIN CONT
C SUB CONT
C STILL DO
C DO THRESHOLD
C OMC CONT
DM SS JP0
DM SS JP1
L:DM CS
SYIF2 CMD
SYIF2 RES
SYIF2 SCK
SYIF2 RDY
TBC RESET
L:SYSTEM RESET
L:SYS RESET
NC
+5V DET
S-8054HN-CB
D9011
1SS300
D901
DA204U
IC914
TC7S08FU
IC915
TC7S08FU
MB-441
LOT NO.803-
LOT NO.605-802
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
LOT NO.605-802
LOT NO.803-
DM-89 MCB
DM-89P MCB
S901
ADJ
TIME
AGC OFF
FACTORY SETTING
ALL OFF
DM TBC SS JP1
SS (5/12), 123-15B
TBC-24 (3/3), 102-31A
H:AGC ON
H:AGC ON
L:ADJ
IC900
TC7S04F
Y RF ENV
C RF ENV
SV TAPE SPEED
H:SEARCH TUNE 14M
H:SEARCH TUNE 6M
H:SEARCH SW FLAT
L:Y DOP
H:SEARCH SW LOW
H:SEARCH LPF 8M
H:SEARCH LPF 5M
H:SEARCH SW MID
BUFFER
IC909 (4/5)
MC14050BF
H:+18 TIMES
H:AFM MUTE
H:LAU MUTE
H:NR ON
H:SEARCH TUNE 3M
H:SEARCH LPF 3M
L:REF CK ERROR
L:PLL ERROR
L:W/R TIM ERROR
L:SQL ON
CUE (2/4), 105-56A
AP (2/3), 104-23A
AP (1/3), 104-24A
AP (1/3), 104-25A
AP (2/3), 104-18A
AP (2/3), 104-19A
AP (2/3), 104-20A
AP (3/3), 104-21A
ADJUSY
D902
CL-1503-CD
SWITCH
IC910 (7/7)
MC14049UBF
IC909 (5/5)
MC14050BF
IC911 (5/5)
SN74HC02ANS
X901
8.388MHz



LOT NO.	BOARD NO.
605-802	1-648-541-16
803-	1-648-541-17

TRANSISTOR PIN LAYOUT (C, B, E)

DA204U PIN LAYOUT (3, 2, 1)

1SS301-TE85L PIN LAYOUT (3, 2, 1)

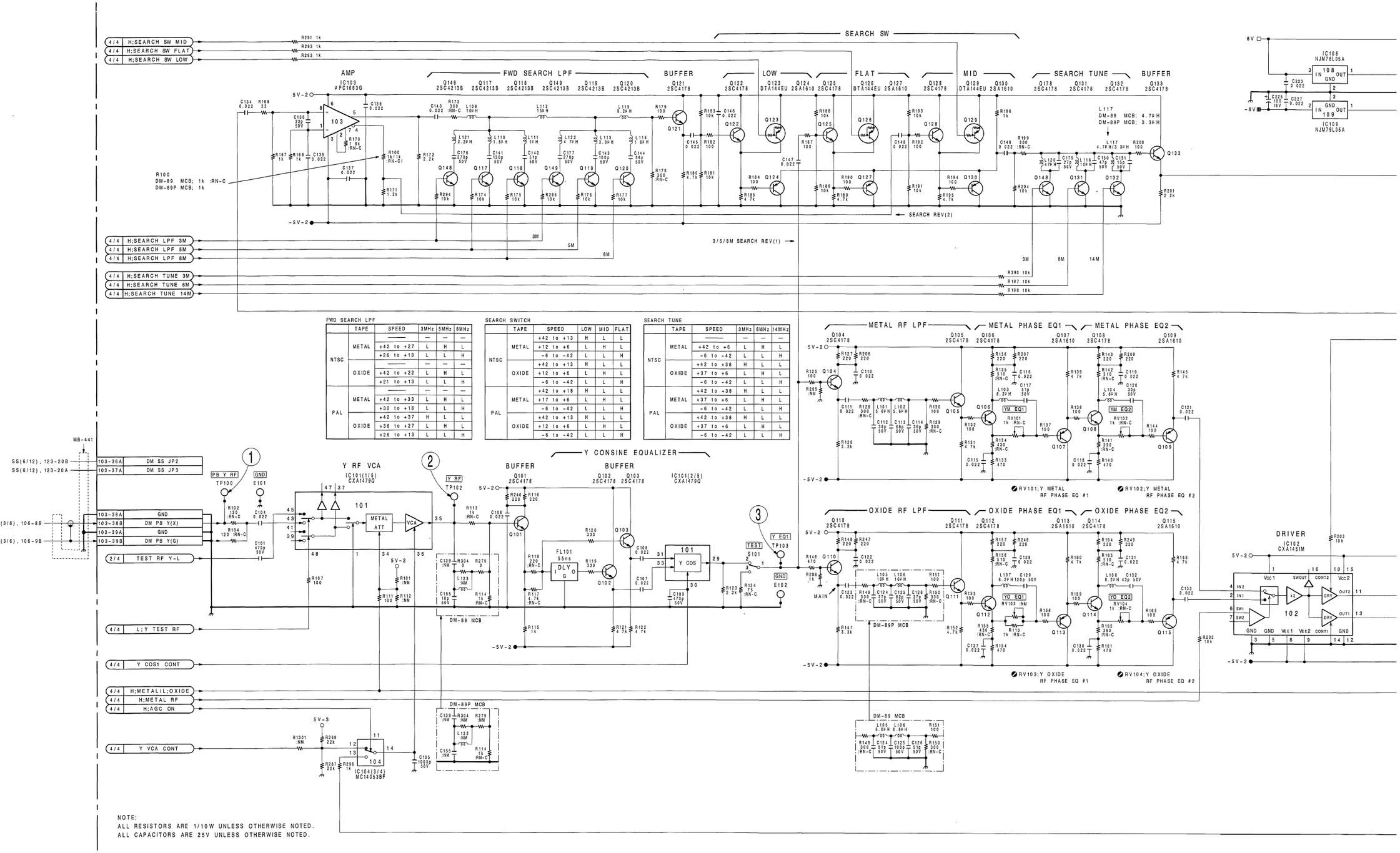
Betacam PB Control

DM-89 BOARD (4/4)

BOARD NO. 1-648-541-16, 17
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : DM-89 MCB
DVW-A500P (EK) : DM-89P MCB
DVW-A500P (UC) : DM-89P MCB
DVW-A510 (J, UC) : DM-89 MCB
DVW-A510P (EK) : DM-89P MCB
DVW-CA510 (J, UC) : DM-89 MCB
DVW-CA510P (EK) : DM-89P MCB
DVW-DM89-ALL-A-PB-S/M-06-D

I J K L M N O P

DM-89 (1/4)



FWD SEARCH LPF

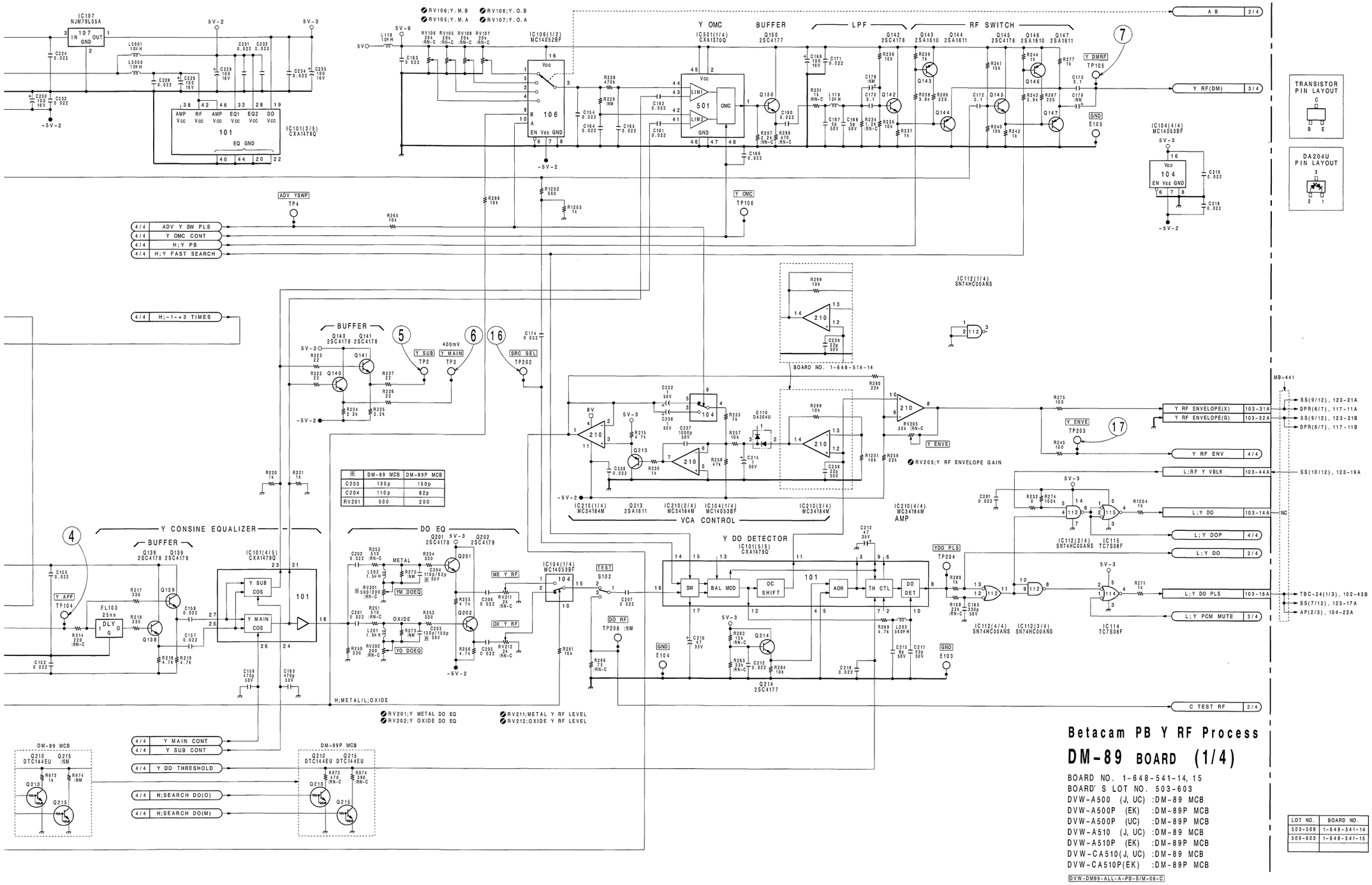
	TAPE	SPEED	3MHz	5MHz	8MHz
NTSC	METAL	———	—	—	—
		+42 to +27	L	H	L
		+26 to +13	L	L	H
	OXIDE	———	—	—	—
		+42 to +22	L	H	L
		+21 to +13	L	L	H
PAL	METAL	———	—	—	—
		+42 to +33	L	H	L
		+32 to +18	L	L	H
	OXIDE	+42 to +37	H	L	L
		+36 to +27	L	H	L
		+26 to +13	L	L	H

SEARCH SWITCH

	TAPE	SPEED	LOW	MID	FLAT
NTSC	METAL	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H
PAL	METAL	+42 to +18	H	L	L
		+17 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H

SEARCH TUNE

	TAPE	SPEED	3MHz	6MHz	14MHz
NTSC	METAL	———	—	—	—
		+42 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +38	H	L	L
		+37 to +6	L	H	L
		-6 to -42	L	L	H
PAL	METAL	+42 to +38	H	L	L
		+37 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +38	H	L	L
		+37 to +6	L	H	L
		-6 to -42	L	L	H



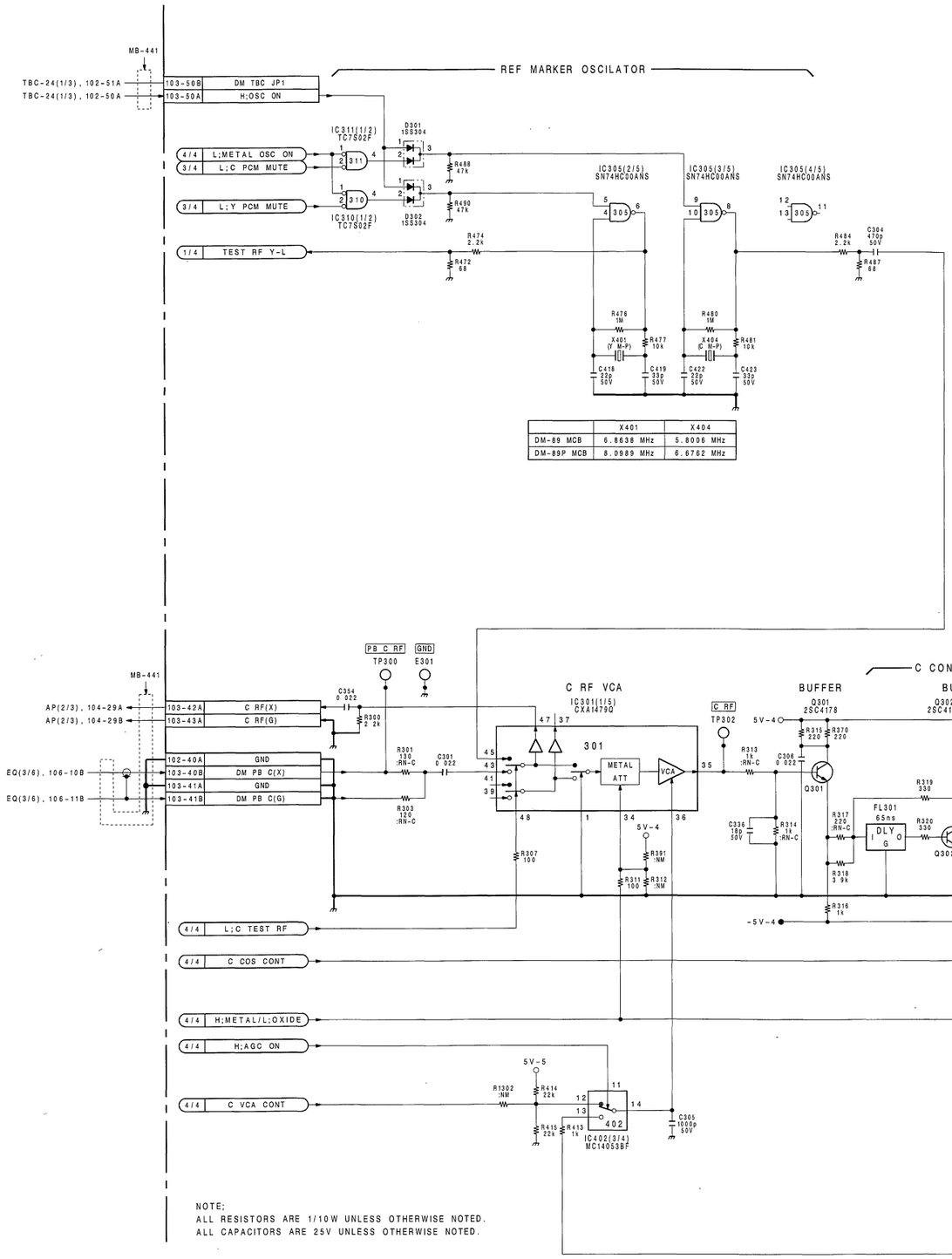
Betacam PB Y RF Process

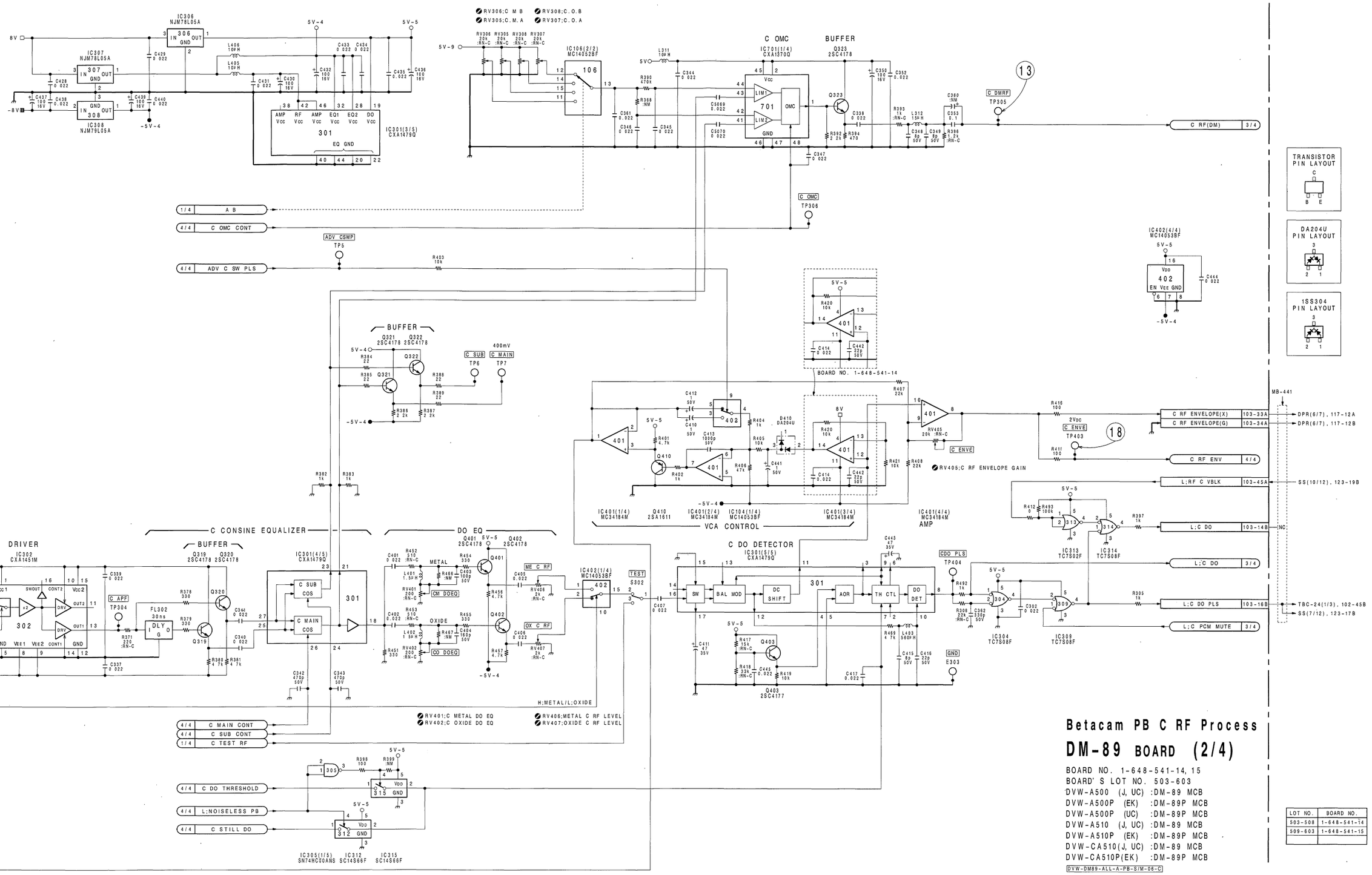
DM-89 BOARD (1/4)

BOARD NO. 1-648-541-14, 15
BOARD' S LOT NO. 503-603
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-C

LOT NO.	BOARD NO.
503-508	1-648-541-14
509-603	1-648-541-15


REF MARKER OSCILATOR
MB-441
TBC-24(1/3), 102-51A
TBC-24(1/3), 102-50A
103-50B DM TBC JP1
103-50A H;OSC ON
IC311(1/2) TC7S02F
D301 1SS304
4/4 L;METAL OSC ON
3/4 L;C PCM MUTE
3/4 L;Y PCM MUTE
1/4 TEST RF Y-L
R488 47k
R490 47k
D302 1SS304
IC310(1/2) TC7S02F
R474 2.2k
R472 68
IC305(2/5) SN74HC00ANS
IC305(3/5) SN74HC00ANS
IC305(4/5) SN74HC00ANS
R484 2.2k
C304 470p 50V
R487 68
R476 1M
R480 1M
X401 (Y M-P)
X404 (C M-P)
R477 10k
R481 10k
C418 22p 50V
C419 33p 50V
C422 22p 50V
C423 33p 50V
X401 X404
DM-89 MCB 6.8638 MHz 5.8006 MHz
DM-89P MCB 8.0989 MHz 6.6762 MHz
L404 100μH
5V
IC305(5/5) SN74HC00ANS
IC310(2/2) TC7S02F
IC311(2/2) TC7S02F
C426 100 16V
C427 0.022
METAL RF LPF
METAL PHASE EQ1
METAL PHASE EQ2
Q304 2SC4178
Q305 2SC4178
Q306 2SC4178
Q307 2SA1610
Q308 2SC4178
Q309 2SA1610
5V-4
AFM TRAP
CM EQ1
CM EQ2
RV301;C METAL RF PHASE EQ #1
RV302;C METAL RF PHASE EQ #2
OXIDE RF LPF
OXIDE PHASE EQ1
OXIDE PHASE EQ2
Q310 2SC4178
Q311 2SC4178
Q312 2SC4178
Q313 2SA1610
Q314 2SC4178
Q315 2SA1610
CO EQ1
CO EQ2
MAIN
RV303;C OXIDE RF PHASE EQ #1
RV304;C OXIDE RF PHASE EQ #2
-5V-4
PB C RF
GND
TP300
E301
C354 0.022
C CRF VCA
IC301(1/5) CXA1479Q
AP(2/3), 104-29A
AP(2/3), 104-29B
EQ(3/6), 106-10B
EQ(3/6), 106-11B
102-40A GND
103-42A C RF(X)
103-43A C RF(G)
103-40B DM PB C(X)
103-41A GND
103-41B DM PB C(G)
R300 2.2k
R301 130 :RN-C
R303 120 :RN-C
C301 0.022
METAL ATT
VCA
R307 100
R391 :NM
R311 100
R312 :NM
C CONSINE EQUALIZER
BUFFER
BUFFER
C RF
TP302
Q301 2SC4178
Q302 2SC4178
Q303 2SC4178
IC301(2/5) CXA1479Q
R315 220
R370 220
R313 1k :RN-C
C306 0.022
C336 18p 50V
R314 1k :RN-C
R317 220 :RN-C
R318 3.9k
R316 1k
FL301 65ns
DLY
R319 330
R320 330
C307 0.022
C308 0.022
R321 4.7k
R322 4.7k
C309 470p 50V
TEST
C EQ1
TP303
S301
R323 2.2k
R324 75 :RN-C
GND
E302
4/4 L;C TEST RF
4/4 C COS CONT
4/4 H;METAL/L;OXIDE
4/4 H;AGC ON
4/4 C VCA CONT
5V-5
R1302 :NM
R414 22k
R415 22k
R413 1k
IC402(3/4) MC14053BF
C305 1000p 50V
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



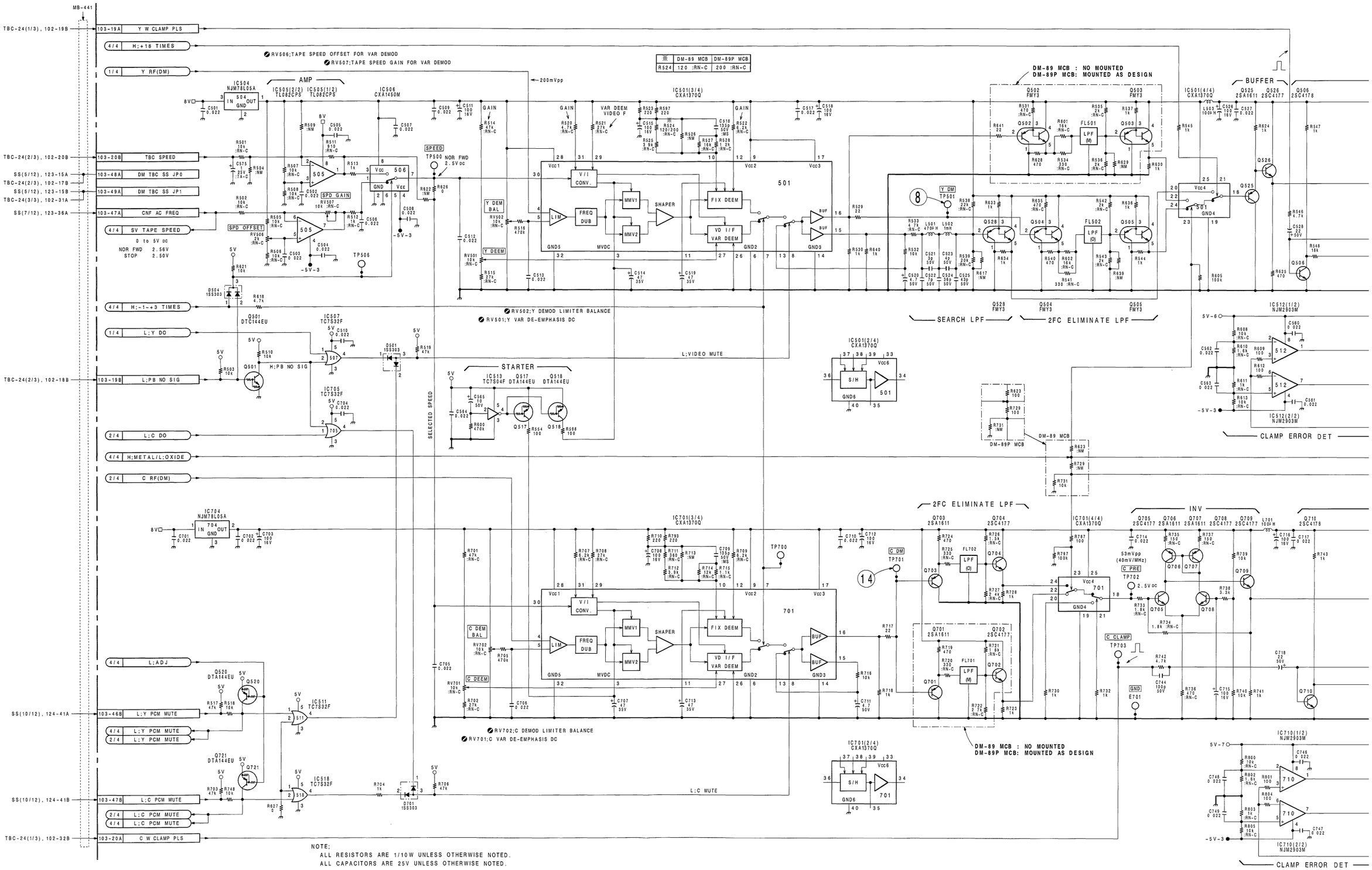
Betacam PB C RF Process

DM-89 BOARD (2/4)

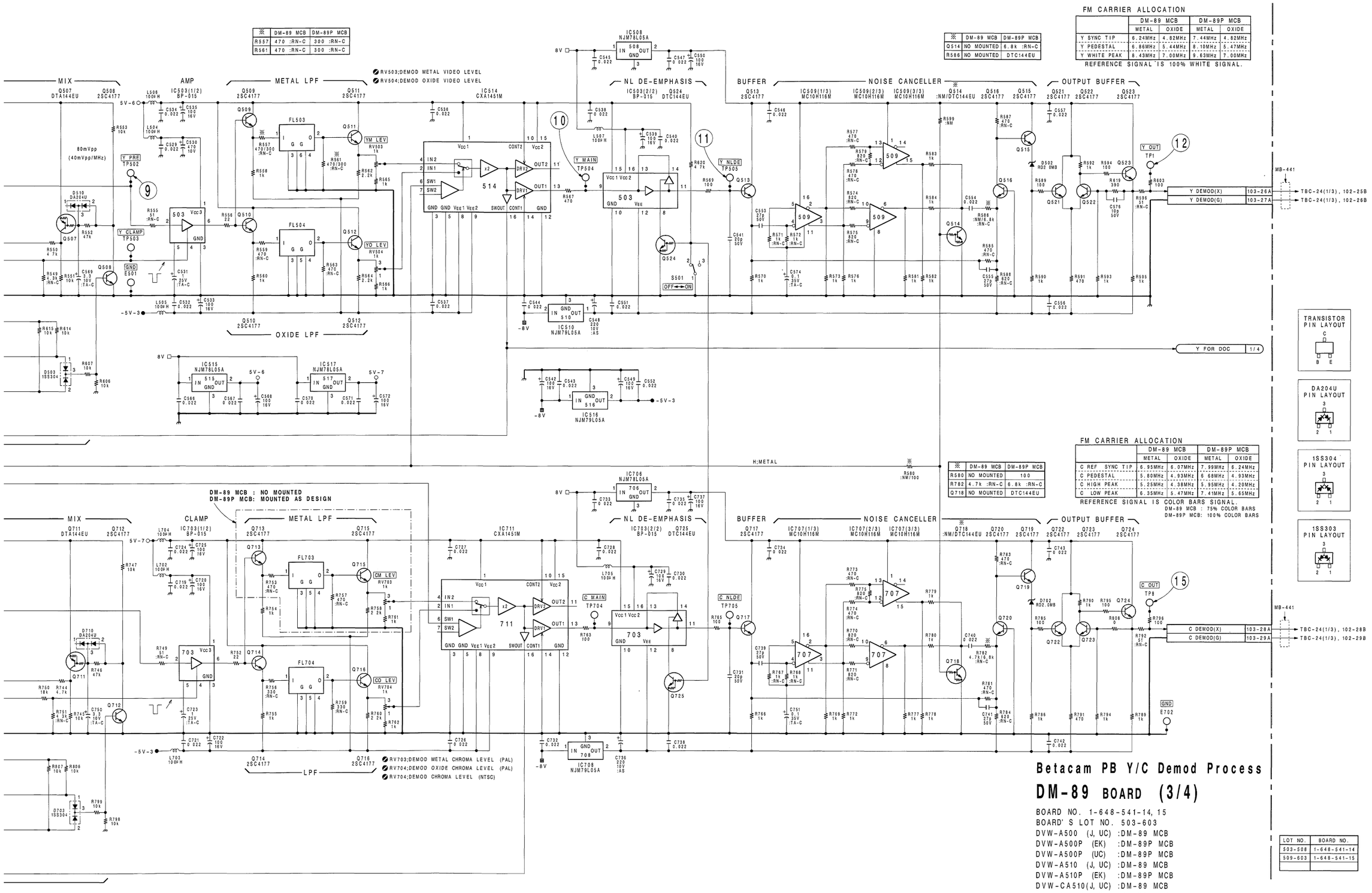
BOARD NO. 1-648-541-14, 15
BOARD' S LOT NO. 503-603
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-C

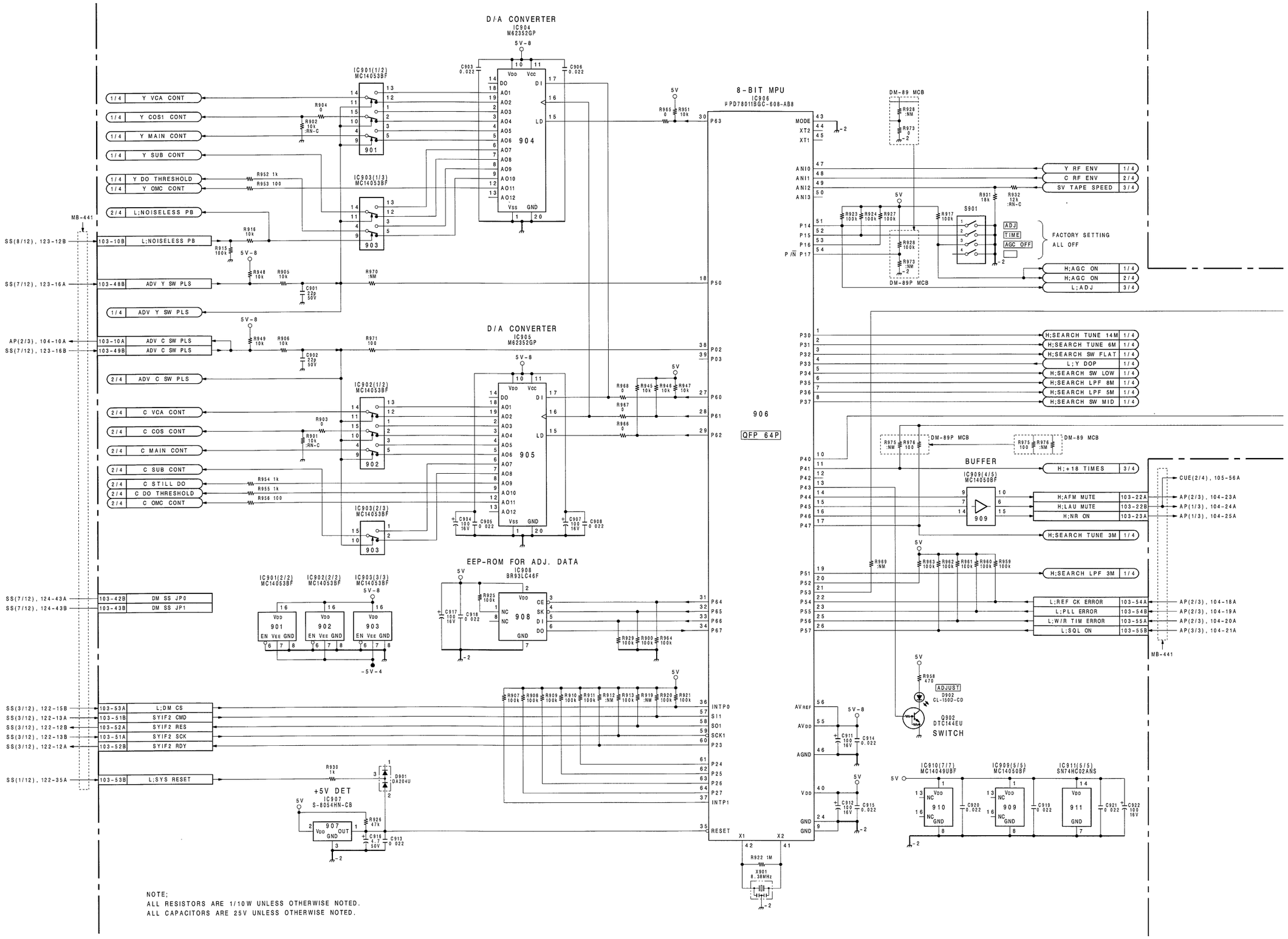
LOT NO.	BOARD NO.
503-508	1-648-541-14
509-603	1-648-541-15

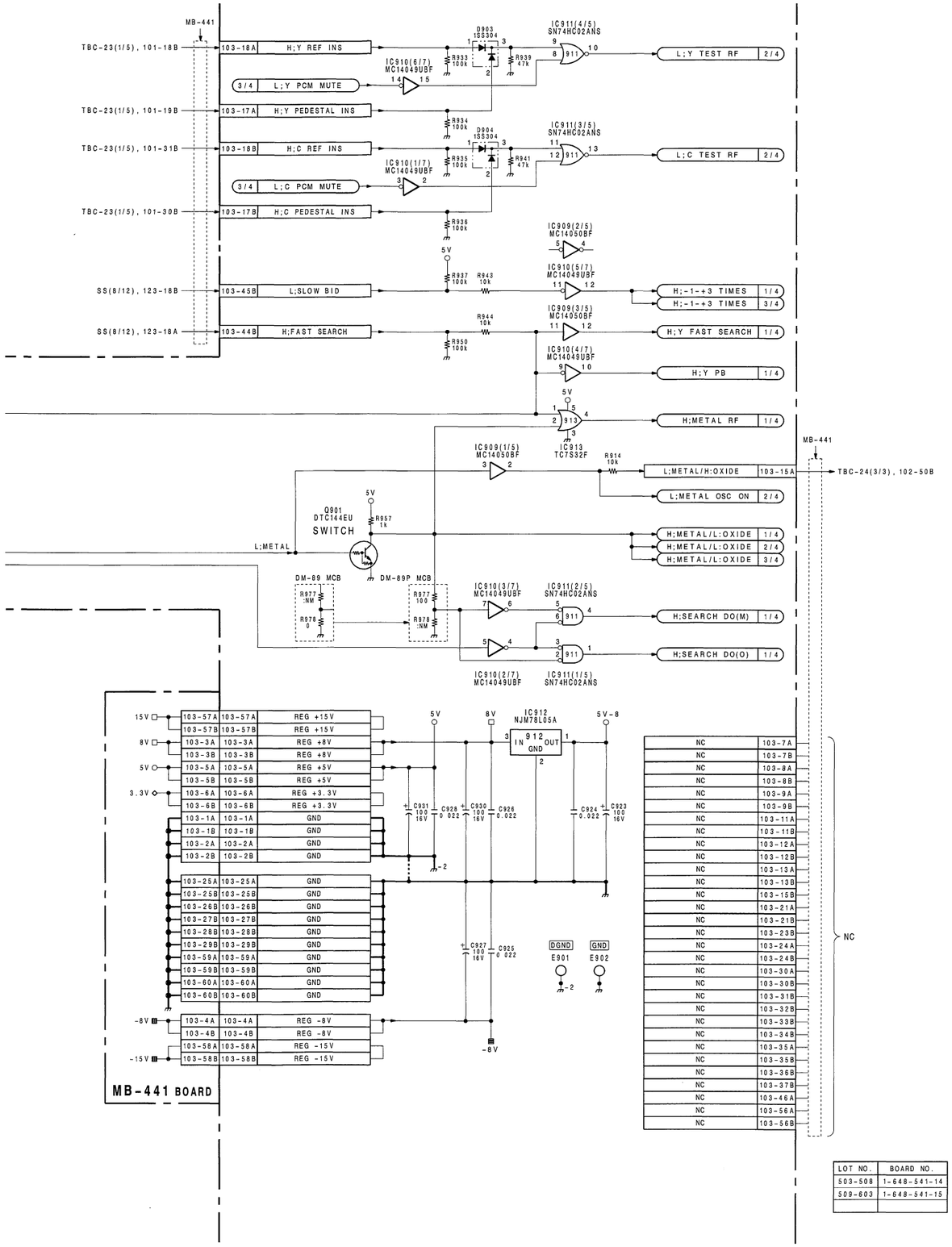

MB-441
TBC-24(1/3), 102-19B
103-19A Y W CLAMP PLS
4/4 H;+18 TIMES
RV506;TAPE SPEED OFFSET FOR VAR DEMOD
RV507;TAPE SPEED GAIN FOR VAR DEMOD
1/4 Y RF(DM)
※ DM-89 MCB DM-89P MCB
R524 120 :RN-C 200 :RN-C
200mVpp
DM-89 MCB : NO MOUNTED
DM-89P MCB: MOUNTED AS DESIGN
IC504 NJM78L05A
AMP
IC505(2/2) TL082CPS
IC505(1/2) TL082CPS
IC506 CXA1450M
IC501(3/4) CXA1370Q
IC501(4/4) CXA1370Q
BUFFER
Q502 FMY3
Q503 FMY3
Q506 2SC4178
Q525 2SA1611
Q526 2SC4177
TBC-24(2/3), 102-20B
103-20B TBC SPEED
SS(5/12), 123-15A
103-48A DM TBC SS JP0
TBC-24(2/3), 102-17B
SS(5/12), 123-15B
103-49A DM TBC SS JP1
TBC-24(3/3), 102-31A
SS(7/12), 123-36A
103-47A CNF AC FREQ
SPEED
TP500 NOR FWD 2.5V DC
SPD GAIN
SPD OFFSET
4/4 SV TAPE SPEED
0 to 5V DC
NOR FWD 2.56V
STOP 2.50V
Y DEM BAL
Y DEEM
501
Vcc1
Vcc2
Vcc3
V/I CONV.
LIM
FREQ DUB
MMV1
MMV2
SHAPER
FIX DEEM
VD I/F VAR DEEM
BUF
GND5
MVDC
GND2
GND3
Y DM
TP501
SEARCH LPF
2FC ELIMINATE LPF
Q528 FMY3
Q504 FMY3
Q505 FMY3
FL501
FL502
LPF (M)
LPF (O)
IC501(4/4) CXA1370Q
Vcc4
GND4
CLAMP ERROR DET
IC512(1/2) NJM2903M
IC512(2/2) NJM2903M
4/4 H;-1~+3 TIMES
RV502;Y DEMOD LIMITER BALANCE
RV501;Y VAR DE-EMPHASIS DC
1/4 L;Y DO
IC507 TC7S32F
Q501 DTC144EU
H;PB NO SIG
L;VIDEO MUTE
TBC-24(2/3), 102-18B
103-19B L;PB NO SIG
IC705 TC7S32F
IC501(2/4) CXA1370Q
S/H
Vcc6
GND6
STARTER
IC513 TC7S04F
Q517 DTA144EU
Q518 DTA144EU
SELECTED SPEED
2/4 L;C DO
4/4 H;METAL/L;OXIDE
2/4 C RF(DM)
IC704 NJM78L05A
2FC ELIMINATE LPF
INV
IC701(3/4) CXA1370Q
IC701(4/4) CXA1370Q
Q703 2SA1611
Q704 2SC4177
Q705 2SC4177
Q706 2SA1611
Q707 2SA1611
Q708 2SC4177
Q709 2SC4177
Q710 2SC4178
C DEM BAL
C DEEM
C DM
TP701
C PRE
TP702
2.5V DC
53mVpp (40mV/MHz)
C CLAMP
TP703
GND
E701
RV702;C DEMOD LIMITER BALANCE
RV701;C VAR DE-EMPHASIS DC
DM-89 MCB : NO MOUNTED
DM-89P MCB: MOUNTED AS DESIGN
4/4 L;ADJ
Q520 DTA144EU
Q721 DTA144EU
IC511 TC7S32F
IC518 TC7S32F
SS(10/12), 124-41A
103-46B L;Y PCM MUTE
4/4 L;Y PCM MUTE
2/4 L;Y PCM MUTE
SS(10/12), 124-41B
103-47B L;C PCM MUTE
2/4 L;C PCM MUTE
4/4 L;C PCM MUTE
TBC-24(1/3), 102-32B
103-20A C W CLAMP PLS
L;C MUTE
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

A B C D E F G H


※ DM-89 MCB DM-89P MCB
R557 470 :RN-C 300 :RN-C
R561 470 :RN-C 300 :RN-C
RV503;DEMOD METAL VIDEO LEVEL
RV504;DEMOD OXIDE VIDEO LEVEL
※ DM-89 MCB DM-89P MCB
Q514 NO MOUNTED 6.8k :RN-C
R586 NO MOUNTED DTC144EU
FM CARRIER ALLOCATION
DM-89 MCB DM-89P MCB
METAL OXIDE METAL OXIDE
Y SYNC TIP 6.24MHz 4.82MHz 7.44MHz 4.82MHz
Y PEDESTAL 6.86MHz 5.44MHz 8.10MHz 5.47MHz
Y WHITE PEAK 6.43MHz 7.00MHz 9.63MHz 7.00MHz
REFERENCE SIGNAL IS 100% WHITE SIGNAL.
MIX
AMP
METAL LPF
NL DE-EMPHASIS
BUFFER
NOISE CANCELLER
OUTPUT BUFFER
OXIDE LPF
80mVpp (40mVpp/MHz)
Y PRE TP502
Y CLAMP TP503
Y MAIN TP504
Y NLDE TP505
Y OUT TP1
Y DEMOD(X) 103-26A
Y DEMOD(G) 103-27A
MB-441
TBC-24(1/3), 102-25B
TBC-24(1/3), 102-26B
Y FOR DOC 1/4
TRANSISTOR PIN LAYOUT
DA204U PIN LAYOUT
1SS304 PIN LAYOUT
1SS303 PIN LAYOUT
※ DM-89 MCB DM-89P MCB
R580 NO MOUNTED 100
R782 4.7k :RN-C 6.8k :RN-C
Q718 NO MOUNTED DTC144EU
FM CARRIER ALLOCATION
DM-89 MCB DM-89P MCB
METAL OXIDE METAL OXIDE
C REF. SYNC TIP 6.95MHz 6.07MHz 7.99MHz 6.24MHz
C PEDESTAL 5.00MHz 4.93MHz 6.68MHz 4.93MHz
C HIGH PEAK 5.25MHz 4.38MHz 5.95MHz 4.20MHz
C LOW PEAK 6.35MHz 5.47MHz 7.41MHz 5.65MHz
REFERENCE SIGNAL IS COLOR BARS SIGNAL.
DM-89 MCB : 75% COLOR BARS
DM-89P MCB: 100% COLOR BARS
DM-89 MCB : NO MOUNTED
DM-89P MCB: MOUNTED AS DESIGN
MIX
CLAMP
METAL LPF
NL DE-EMPHASIS
BUFFER
NOISE CANCELLER
OUTPUT BUFFER
LPF
RV703;DEMOD METAL CHROMA LEVEL (PAL)
RV704;DEMOD OXIDE CHROMA LEVEL (PAL)
RV704;DEMOD CHROMA LEVEL (NTSC)
C PRE TP702
C CLAMP TP703
C MAIN TP704
C NLDE TP705
C OUT TP8
C DEMOD(X) 103-28A
C DEMOD(G) 103-29A
MB-441
TBC-24(1/3), 102-28B
TBC-24(1/3), 102-29B
Betacam PB Y/C Demod Process
DM-89 BOARD (3/4)
BOARD NO. 1-648-541-14, 15
BOARD' S LOT NO. 503-603
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB
DVW-DM89-ALL-A-PB-S/M-06-C
LOT NO. BOARD NO.
503-508 1-648-541-14
509-603 1-648-541-15

I J K L M N O P


D/A CONVERTER
IC904
M62352GP
IC901(1/2)
MC14053BF
IC903(1/3)
MC14053BF
IC902(1/2)
MC14053BF
IC903(2/3)
MC14053BF
D/A CONVERTER
IC905
M62352GP
8-BIT MPU
IC906
μPD78011BGC-608-AB8
906
QFP 64P
EEP-ROM FOR ADJ. DATA
IC908
BR93LC46F
IC901(2/2) MC14053BF
IC902(2/2) MC14053BF
IC903(3/3) MC14053BF
MB-441
1/4 Y VCA CONT
1/4 Y COS1 CONT
1/4 Y MAIN CONT
1/4 Y SUB CONT
1/4 Y DO THRESHOLD
1/4 Y OMC CONT
2/4 L;NOISELESS PB
103-10B L;NOISELESS PB
SS(8/12), 123-12B
103-48B ADV Y SW PLS
SS(7/12), 123-16A
1/4 ADV Y SW PLS
AP(2/3), 104-10A
SS(7/12), 123-16B
103-10A ADV C SW PLS
103-49B ADV C SW PLS
2/4 ADV C SW PLS
2/4 C VCA CONT
2/4 C COS CONT
2/4 C MAIN CONT
2/4 C SUB CONT
2/4 C STILL DO
2/4 C DO THRESHOLD
2/4 C OMC CONT
SS(7/12), 124-43A
SS(7/12), 124-43B
103-42B DM SS JP0
103-43B DM SS JP1
SS(3/12), 122-15B
SS(3/12), 122-13A
SS(3/12), 122-12B
SS(3/12), 122-13B
SS(3/12), 122-12A
103-53A L;DM CS
103-51B SYIF2 CMD
103-52A SYIF2 RES
103-51A SYIF2 SCK
103-52B SYIF2 RDY
SS(1/12), 122-35A
103-53B L;SYS RESET
+5V DET
IC907
S-8054HN-CB
D901
DA204U
DM-89 MCB
DM-89P MCB
Y RF ENV 1/4
C RF ENV 2/4
SV TAPE SPEED 3/4
S901
ADJ
TIME
AGC OFF
FACTORY SETTING
ALL OFF
H;AGC ON 1/4
H;AGC ON 2/4
L;ADJ 3/4
H;SEARCH TUNE 14M 1/4
H;SEARCH TUNE 6M 1/4
H;SEARCH SW FLAT 1/4
L;Y DOP 1/4
H;SEARCH SW LOW 1/4
H;SEARCH LPF 8M 1/4
H;SEARCH LPF 5M 1/4
H;SEARCH SW MID 1/4
BUFFER
IC909(4/5)
MC14050BF
H;+18 TIMES 3/4
H;AFM MUTE 103-22A
H;LAU MUTE 103-22B
H;NR ON 103-23A
H;SEARCH TUNE 3M 1/4
H;SEARCH LPF 3M 1/4
L;REF CK ERROR 103-54A
L;PLL ERROR 103-54B
L;W/R TIM ERROR 103-55A
L;SQL ON 103-55B
CUE(2/4), 105-56A
AP(2/3), 104-23A
AP(1/3), 104-24A
AP(1/3), 104-25A
AP(2/3), 104-18A
AP(2/3), 104-19A
AP(2/3), 104-20A
AP(3/3), 104-21A
ADJUST
D902
CL-150D-CD
Q902
DTC144EU
SWITCH
IC910(7/7) MC14049UBF
IC909(5/5) MC14050BF
IC911(5/5) SN74HC02ANS
X901
8.38MHz
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



LOT NO.	BOARD NO.
503-508	1-648-541-14
509-603	1-648-541-15

TRANSISTOR PIN LAYOUT (C, B, E)

DA204U PIN LAYOUT (3, 2, 1)

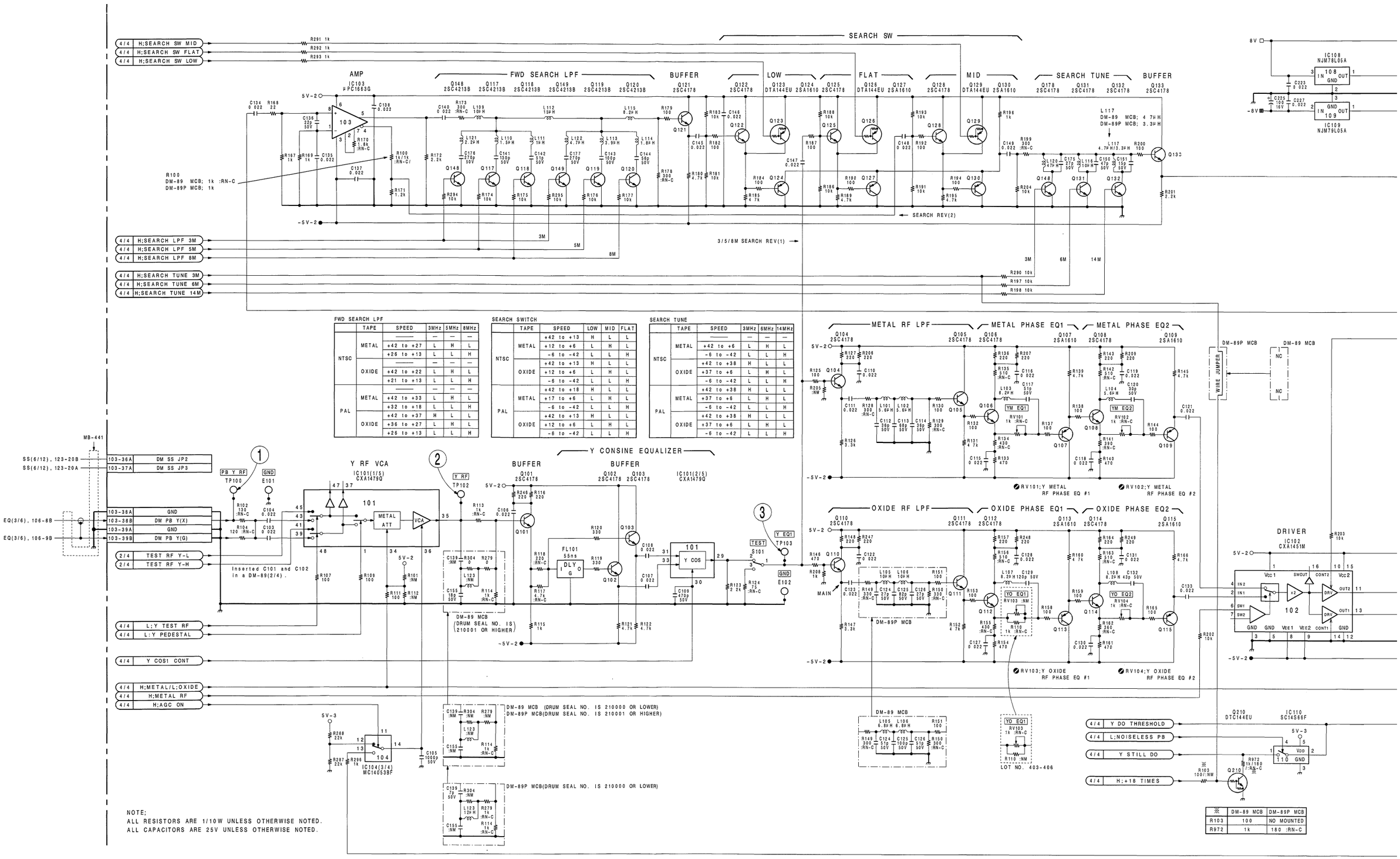
1SS304 PIN LAYOUT (3, 2, 1)

Betacam PB Control

DM-89 BOARD (4/4)

BOARD NO. 1-648-541-14, 15
BOARD' S LOT NO. 503-603
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-C

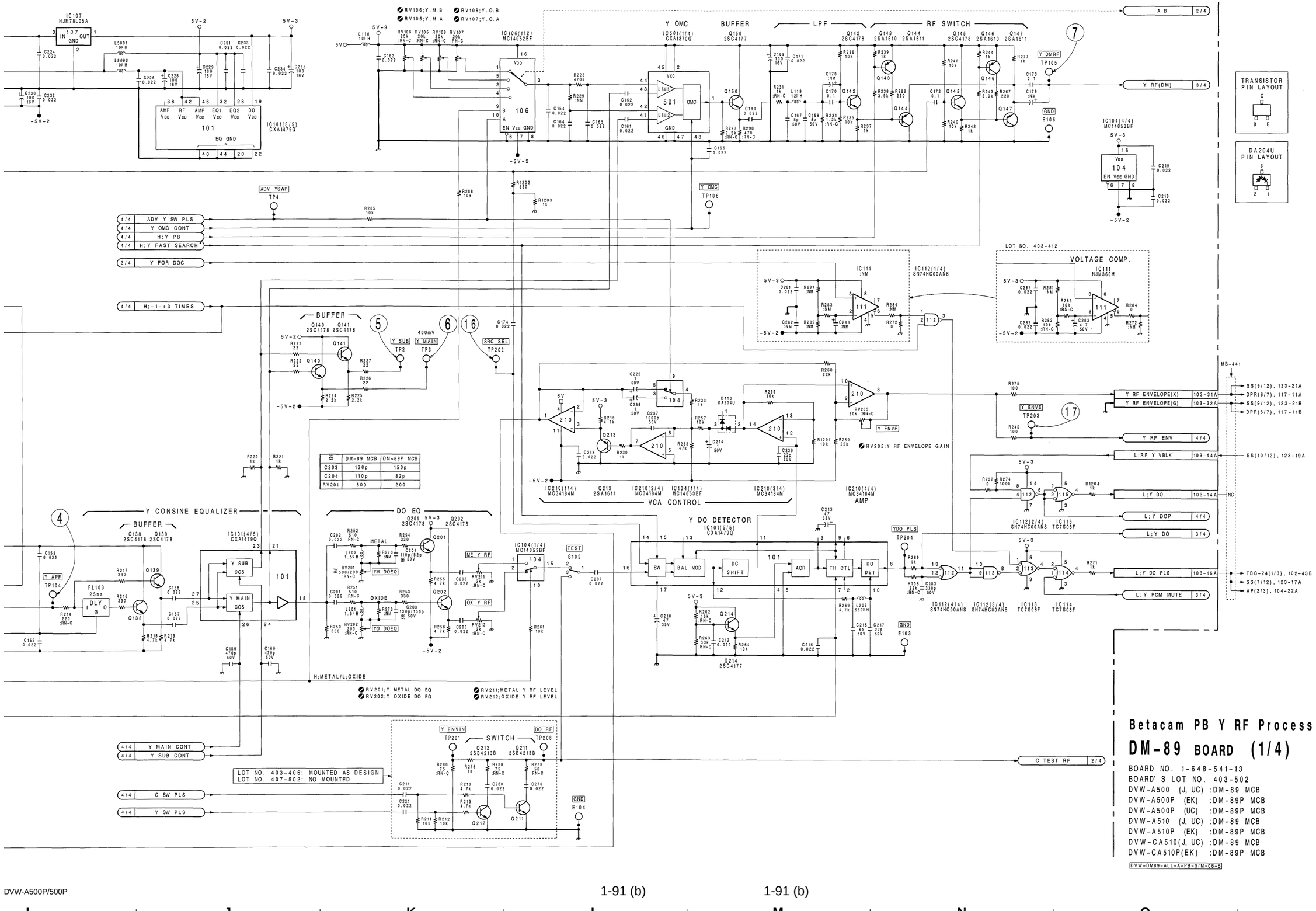


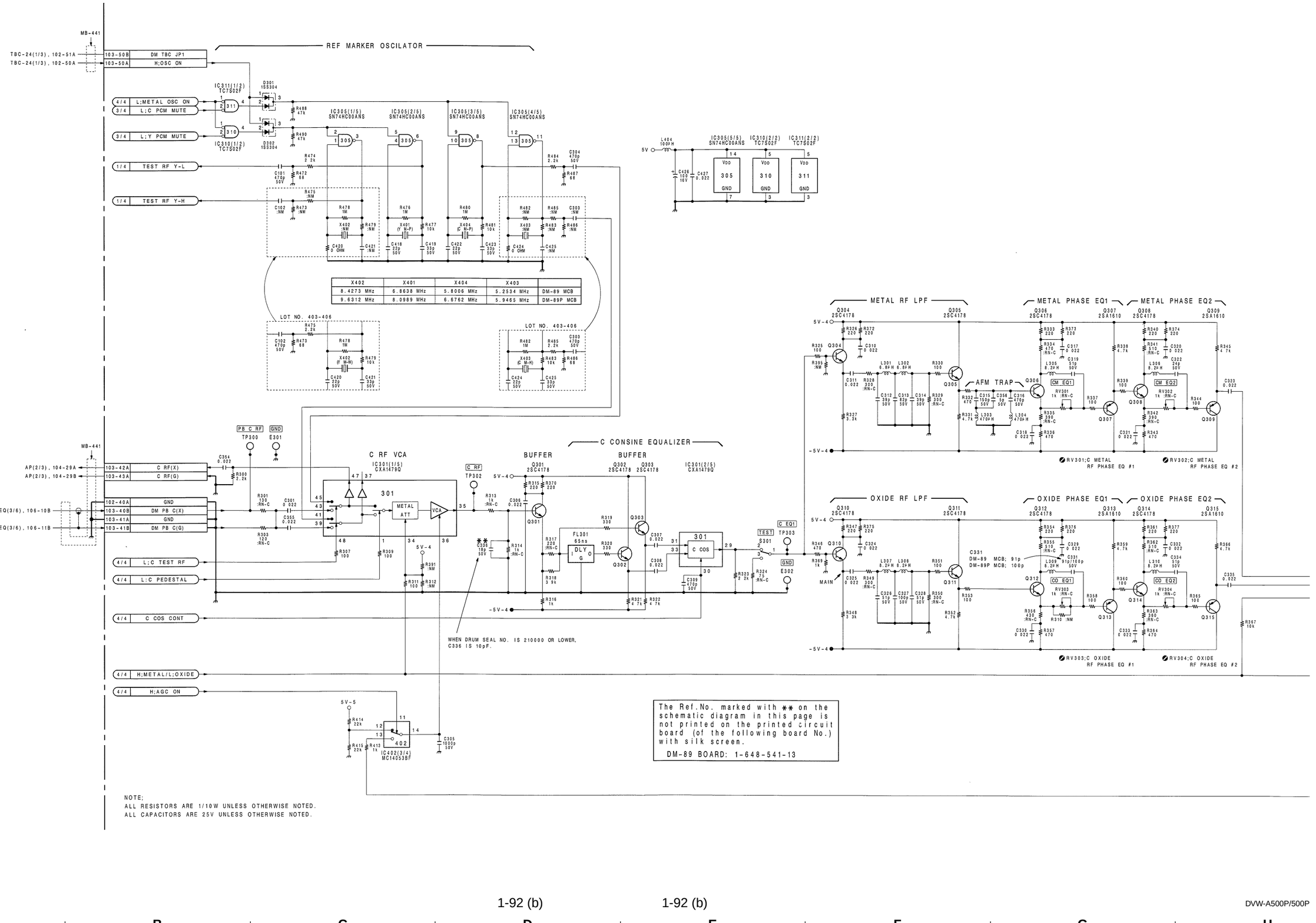
FWD SEARCH LPF	TAPE	SPEED	3MHz	5MHz	8MHz
NTSC	METAL	———	—	—	—
		+42 to +27	L	H	L
		+26 to +13	L	L	H
	OXIDE	———	—	—	—
		+42 to +22	L	H	L
		+21 to +13	L	L	H
PAL	METAL	———	—	—	—
		+42 to +33	L	H	L
		+32 to +18	L	L	H
	OXIDE	+42 to +37	H	L	L
		+36 to +27	L	H	L
		+26 to +13	L	L	H

SEARCH SWITCH	TAPE	SPEED	LOW	MID	FLAT
NTSC	METAL	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H
PAL	METAL	+42 to +18	H	L	L
		+17 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +13	H	L	L
		+12 to +6	L	H	L
		-6 to -42	L	L	H

SEARCH TUNE	TAPE	SPEED	3MHz	6MHz	14MHz
NTSC	METAL	———	—	—	—
		+42 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+42 to +38	H	L	L
		+37 to +6	L	H	L
		-6 to -42	L	L	H
PAL	METAL	+42 to +38	H	L	L
		+37 to +6	L	H	L
		-6 to -42	L	L	H
	OXIDE	+37 to +5	L	H	L
		-6 to -42	L	L	H

※	DM-89 MCB	DM-89P MCB
R103	100	NO MOUNTED
R972	1k	180 :RN-C

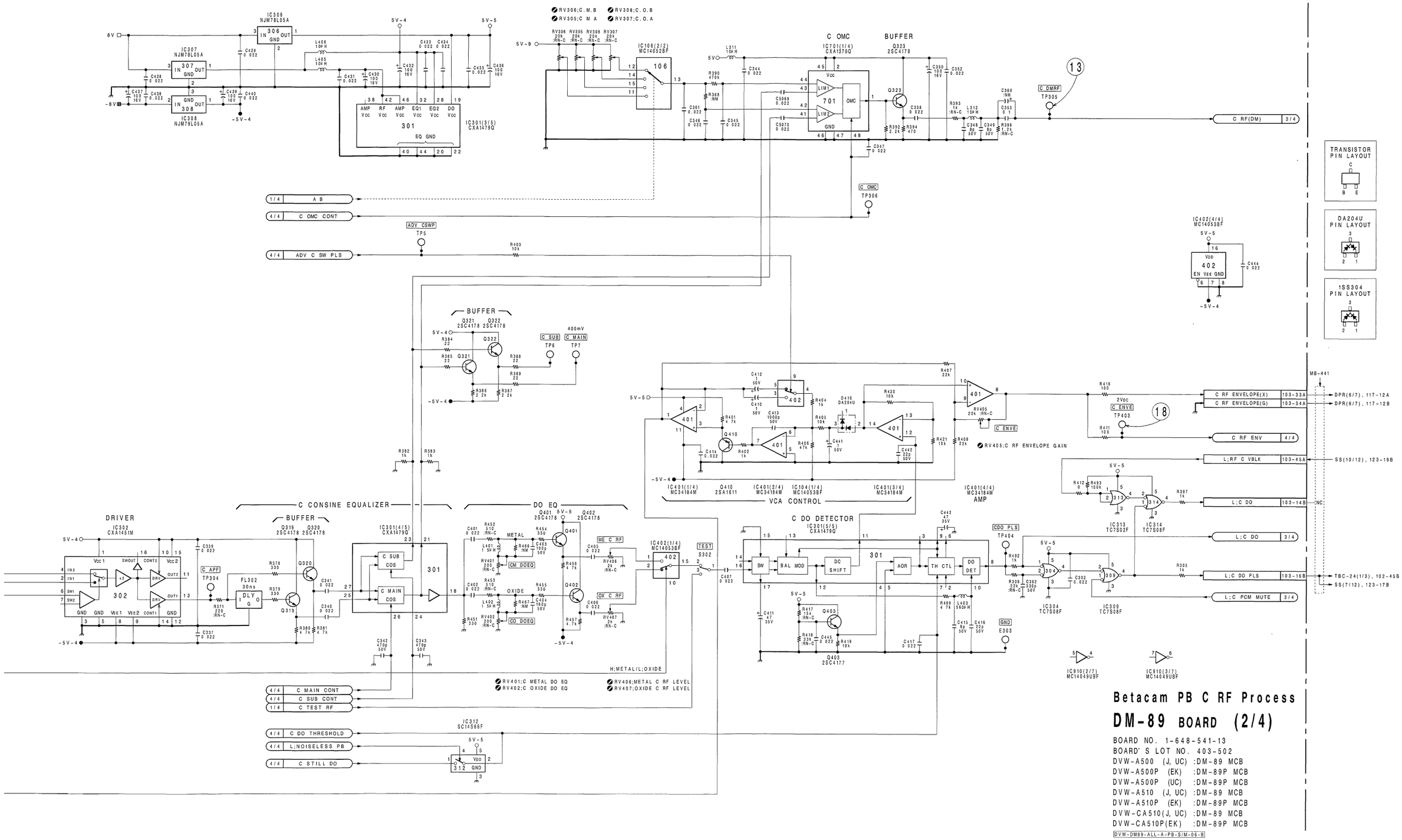

IC107 NJM78L05A
IC101(3/5) CXA1479Q
IC106(1/2) MC14052BF
Y OMC
BUFFER
LPF
RF SWITCH
IC501(1/4) CXA1370Q
Q150 2SC4177
Q142 2SC4178
Q143 2SA1610
Q144 2SA1611
Q145 2SC4178
Q146 2SA1610
Q147 2SA1611
A B 2/4
Y RF(DM) 3/4
TRANSISTOR PIN LAYOUT
DA204U PIN LAYOUT
IC104(4/4) MC14053BF
ADV YSWP
TP4
Y OMC
TP106
4/4 ADV Y SW PLS
4/4 Y OMC CONT
4/4 H;Y PB
4/4 H;Y FAST SEARCH
3/4 Y FOR DOC
4/4 H;-1-+3 TIMES
IC111 :NM
IC112(1/4) SN74HC00ANS
LOT NO. 403-412
VOLTAGE COMP.
IC111 NJM360M
BUFFER
Q140 2SC4178
Q141 2SC4178
Y SUB
TP2
Y MAIN
TP3
400mV
SRC SEL
TP202
IC210(1/4) MC34184M
Q213 2SA1611
IC210(2/4) MC34184M
IC104(1/4) MC14053BF
IC210(3/4) MC34184M
VCA CONTROL
IC210(4/4) MC34184M AMP
RV205;Y RF ENVELOPE GAIN
Y ENVE
TP203
Y RF ENVELOPE(X) 103-31A
Y RF ENVELOPE(G) 103-32A
Y RF ENV 4/4
L;RF Y VBLK 103-44A
L;Y DO 103-14A
L;Y DOP 4/4
L;Y DO 3/4
L;Y DO PLS 103-16A
L;Y PCM MUTE 3/4
MB-441
SS(9/12), 123-21A
DPR(6/7), 117-11A
SS(9/12), 123-21B
DPR(6/7), 117-11B
SS(10/12), 123-19A
TBC-24(1/3), 102-43B
SS(7/12), 123-17A
AP(2/3), 104-22A
IC112(2/4) SN74HC00ANS
IC115 TC7S08F
IC112(4/4) SN74HC00ANS
IC112(3/4) SN74HC00ANS
IC113 TC7S08F
IC114 TC7S08F
Y CONSINE EQUALIZER
BUFFER
Q138 2SC4178
Q139 2SC4178
Y APF
TP104
FL103 25ns DLY
IC101(4/5) CXA1479Q
Y SUB COS
Y MAIN COS
DO EQ
METAL
OXIDE
YM DOEQ
YO DOEQ
ME Y RF
OX Y RF
TEST
S102
H;METAL/L;OXIDE
RV201;Y METAL DO EQ
RV202;Y OXIDE DO EQ
RV211;METAL Y RF LEVEL
RV212;OXIDE Y RF LEVEL
Y DO DETECTOR
IC101(5/5) CXA1479Q
SW
BAL MOD
DC SHIFT
AGC
TH CTL
DO DET
YDO PLS
TP204
GND
E103
Y ENVIN
TP201
SWITCH
DO RF
TP208
Q212 2SB4213B
Q211 2SB4213B
Q214 2SC4177
LOT NO. 403-406: MOUNTED AS DESIGN
LOT NO. 407-502: NO MOUNTED
4/4 Y MAIN CONT
4/4 Y SUB CONT
4/4 C SW PLS
4/4 Y SW PLS
C TEST RF 2/4
GND
E104
GND
E105
Y DMRF
TP105
Y RF(DM) 3/4
RV106;Y.M.B
RV105;Y.M.A
RV108;Y.O.B
RV107;Y.O.A
※ DM-89 MCB DM-89P MCB
C203 130p 150p
C204 110p 82p
RV201 500 200
Betacam PB Y RF Process
DM-89 BOARD (1/4)
BOARD NO. 1-648-541-13
BOARD'S LOT NO. 403-502
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB
DVW-DM89-ALL-A-PB-S/M-06-B



The Ref.No. marked with ** on the schematic diagram in this page is not printed on the printed circuit board (of the following board No.) with silk screen.

DM-89 BOARD: 1-648-541-13

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

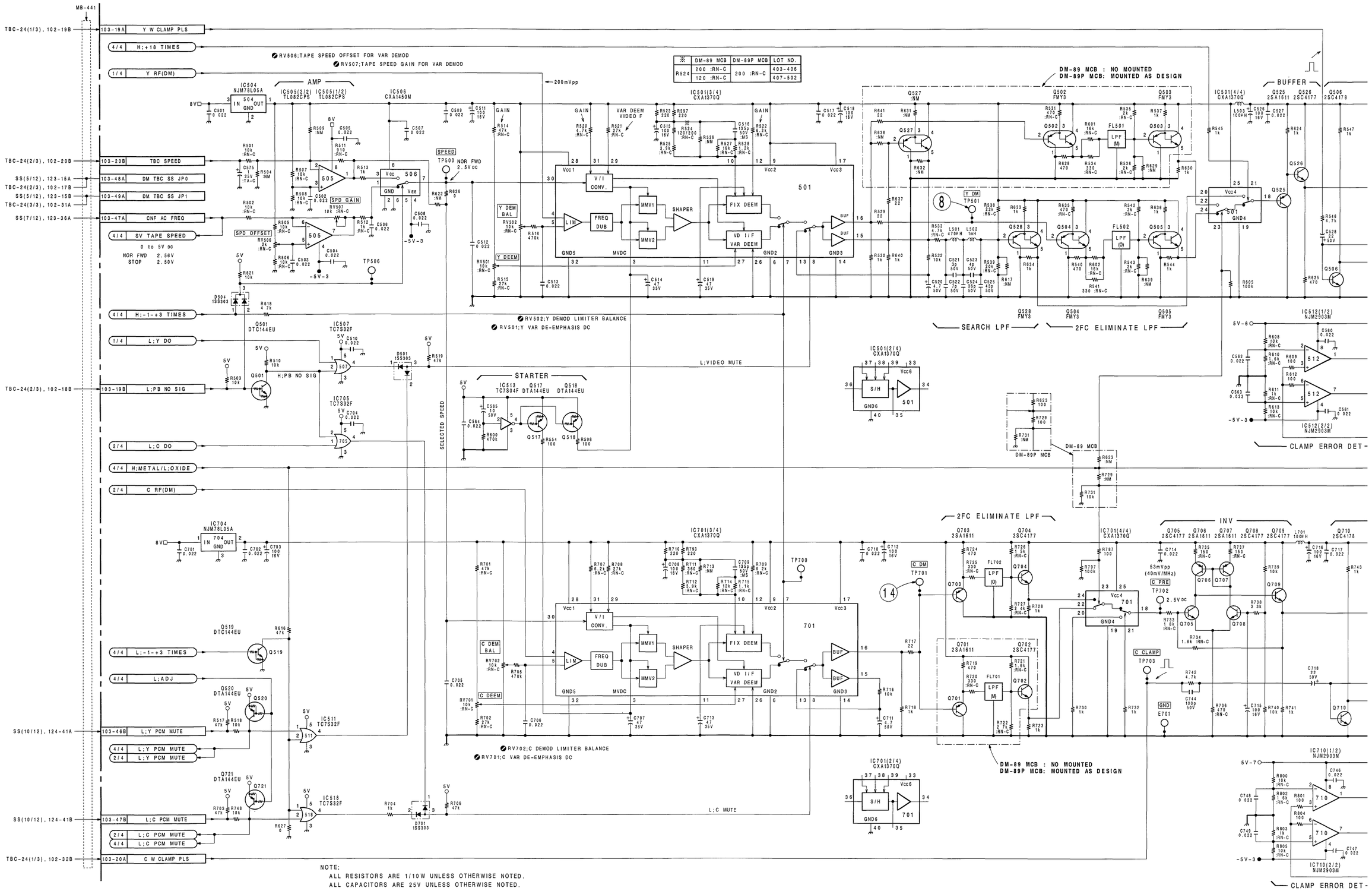


Betacam PB C RF Process

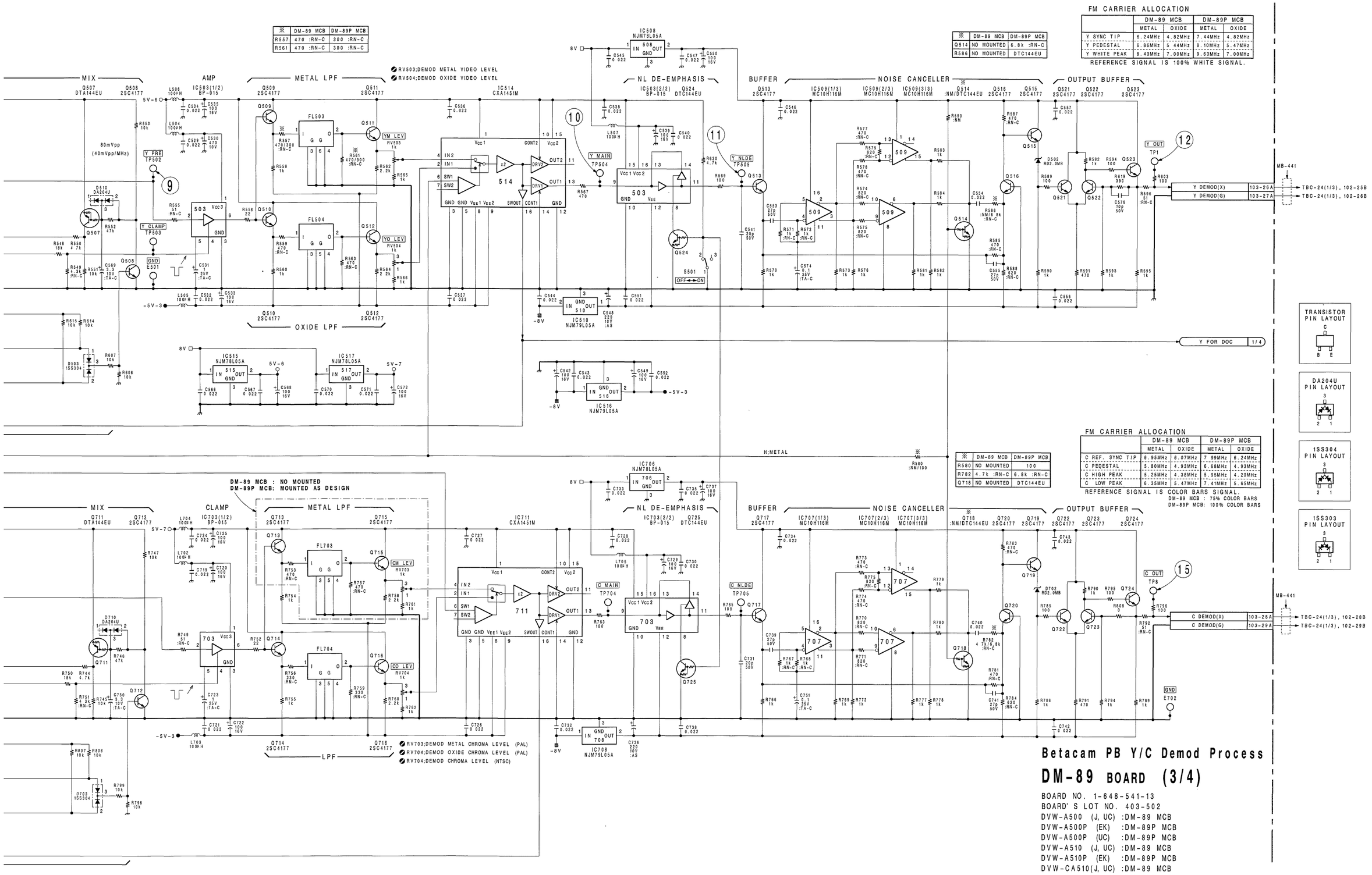
DM-89 BOARD (2/4)

BOARD NO. 1-648-541-13
BOARD'S LOT NO. 403-502
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-B



※	DM-89 MCB	DM-89P MCB	LOT NO.
R524	200 :RN-C	200 :RN-C	403-406
	120 :RN-C		407-502

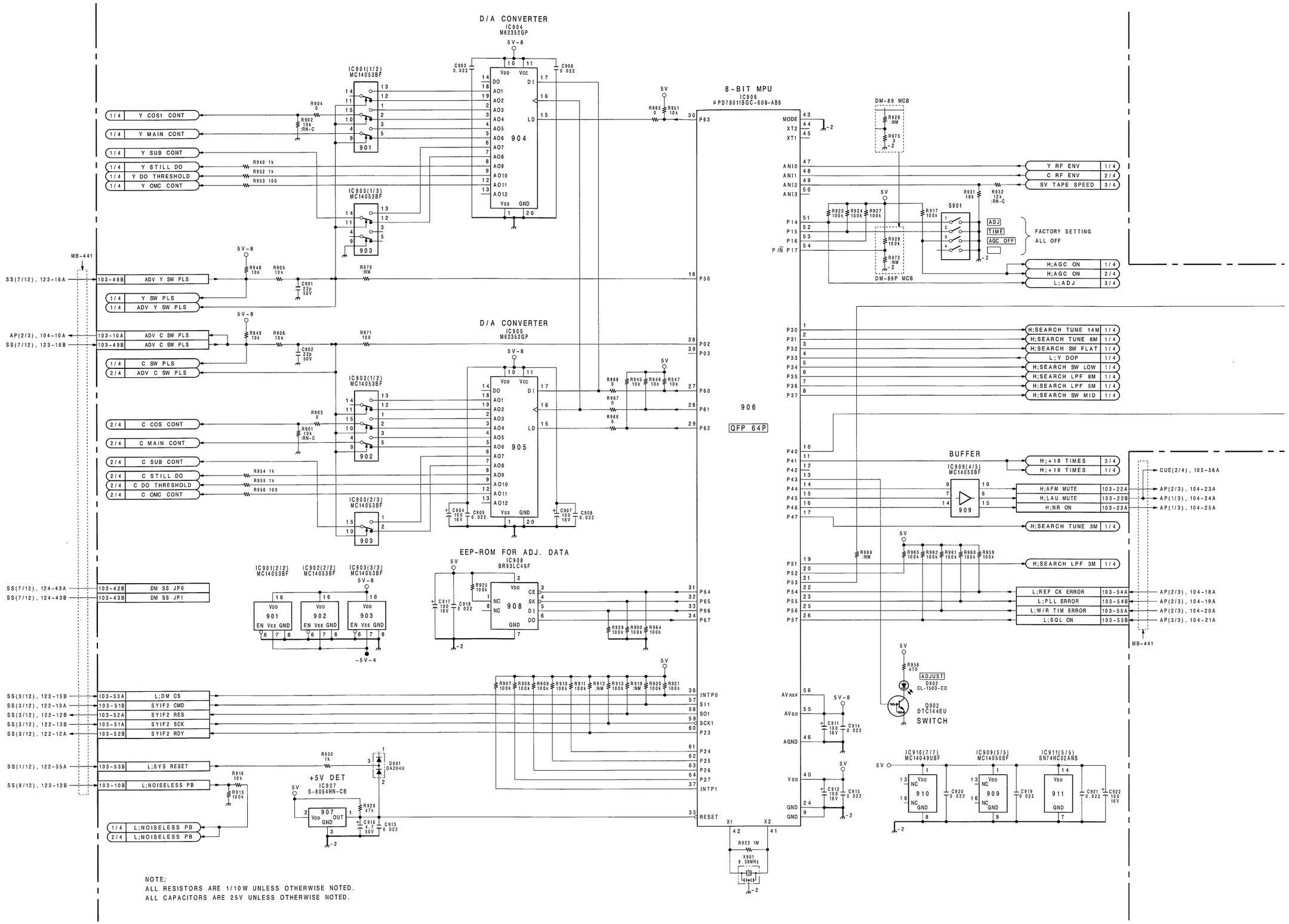


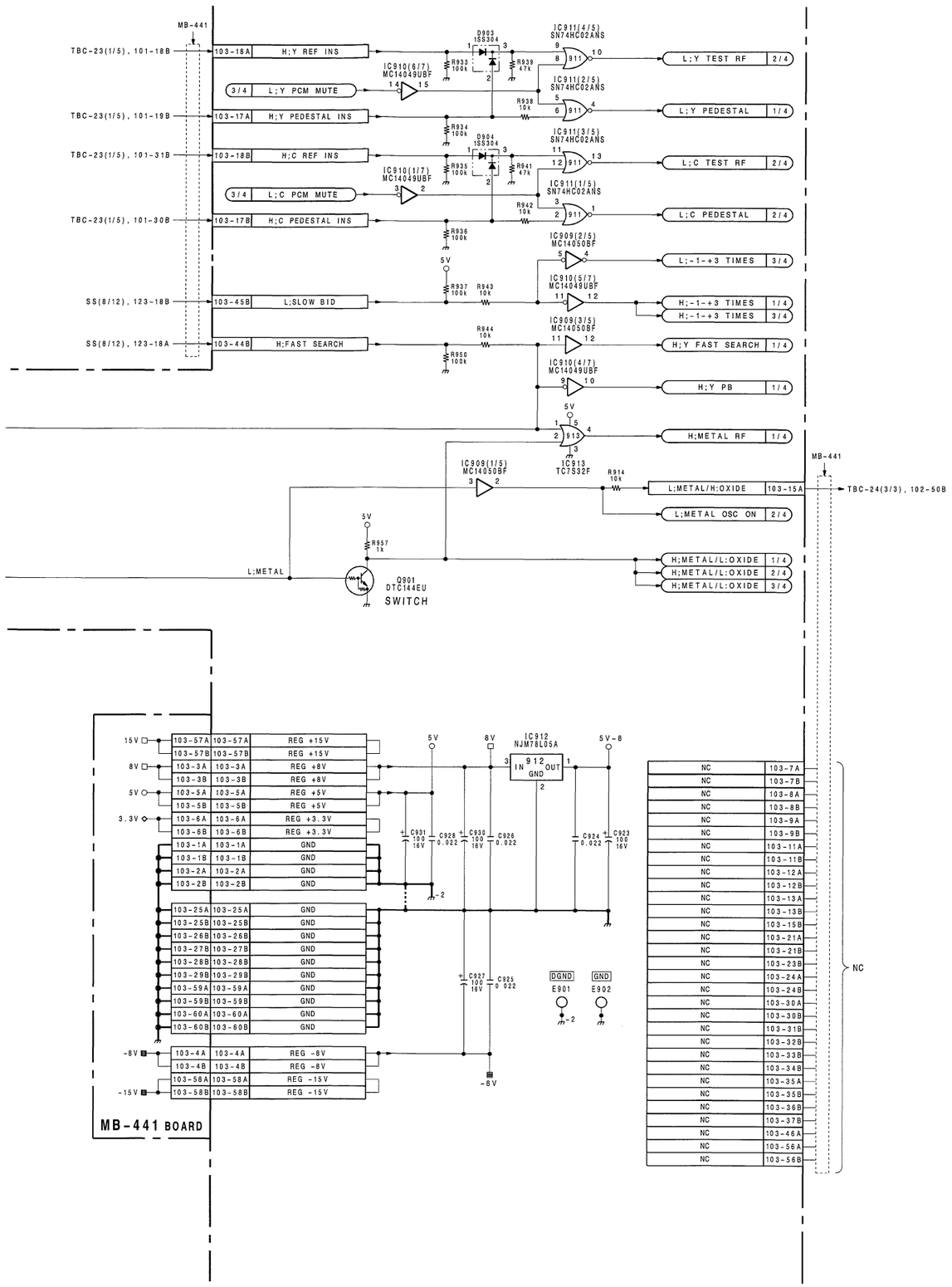
Betacam PB Y/C Demod Process

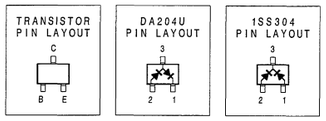
DM-89 BOARD (3/4)

BOARD NO. 1-648-541-13
BOARD' S LOT NO. 403-502
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-B


D/A CONVERTER
IC904 M62352GP
IC901(1/2) MC14053BF
IC903(1/3) MC14053BF
IC902(1/2) MC14053BF
IC903(2/3) MC14053BF
D/A CONVERTER
IC905 M62352GP
8-BIT MPU
IC906 μPD78011BGC-608-AB8
QFP 64P
906
EEP-ROM FOR ADJ. DATA
IC908 BR93LC46F
IC901(2/2) MC14053BF
IC902(2/2) MC14053BF
IC903(3/3) MC14053BF
+5V DET
IC907 S-8054HN-CB
D901 DA204U
S901
Q902 DTC144EU
SWITCH
BUFFER
IC909(4/5) MC14050BF
IC910(7/7) MC14049UBF
IC909(5/5) MC14050BF
IC911(5/5) SN74HC02ANS
X901 8.38MHz
MB-441
DM-89 MCB
DM-89P MCB
1/4 Y COS1 CONT
1/4 Y MAIN CONT
1/4 Y SUB CONT
1/4 Y STILL DO
1/4 Y DO THRESHOLD
1/4 Y OMC CONT
2/4 C COS CONT
2/4 C MAIN CONT
2/4 C SUB CONT
2/4 C STILL DO
2/4 C DO THRESHOLD
2/4 C OMC CONT
SS(7/12), 123-16A
AP(2/3), 104-10A
SS(7/12), 123-16B
103-48B ADV Y SW PLS
1/4 Y SW PLS
1/4 ADV Y SW PLS
103-10A ADV C SW PLS
103-49B ADV C SW PLS
1/4 C SW PLS
2/4 ADV C SW PLS
SS(3/12), 122-15B
SS(3/12), 122-13A
SS(3/12), 122-12B
SS(3/12), 122-13B
SS(3/12), 122-12A
103-53A L;DM CS
103-51B SYIF2 CMD
103-52A SYIF2 RES
103-51A SYIF2 SCK
103-52B SYIF2 RDY
SS(7/12), 124-43A
SS(7/12), 124-43B
103-42B DM SS JP0
103-43B DM SS JP1
SS(1/12), 122-35A
SS(8/12), 123-12B
103-53B L;SYS RESET
103-10B L;NOISELESS PB
1/4 L;NOISELESS PB
2/4 L;NOISELESS PB
Y RF ENV 1/4
C RF ENV 2/4
SV TAPE SPEED 3/4
FACTORY SETTING
ALL OFF
H;AGC ON 1/4
H;AGC ON 2/4
L;ADJ 3/4
H;SEARCH TUNE 14M 1/4
H;SEARCH TUNE 6M 1/4
H;SEARCH SW FLAT 1/4
L;Y DOP 1/4
H;SEARCH SW LOW 1/4
H;SEARCH LPF 8M 1/4
H;SEARCH LPF 5M 1/4
H;SEARCH SW MID 1/4
H;+18 TIMES 3/4
H;+18 TIMES 1/4
H;AFM MUTE 103-22A
H;LAU MUTE 103-22B
H;NR ON 103-23A
H;SEARCH TUNE 3M 1/4
H;SEARCH LPF 3M 1/4
L;REF CK ERROR 103-54A
L;PLL ERROR 103-54B
L;W/R TIM ERROR 103-55A
L;SQL ON 103-55B
CUE(2/4), 105-56A
AP(2/3), 104-23A
AP(1/3), 104-24A
AP(1/3), 104-25A
AP(2/3), 104-18A
AP(2/3), 104-19A
AP(2/3), 104-20A
AP(3/3), 104-21A
ADJUST
D902 CL-150D-CD
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



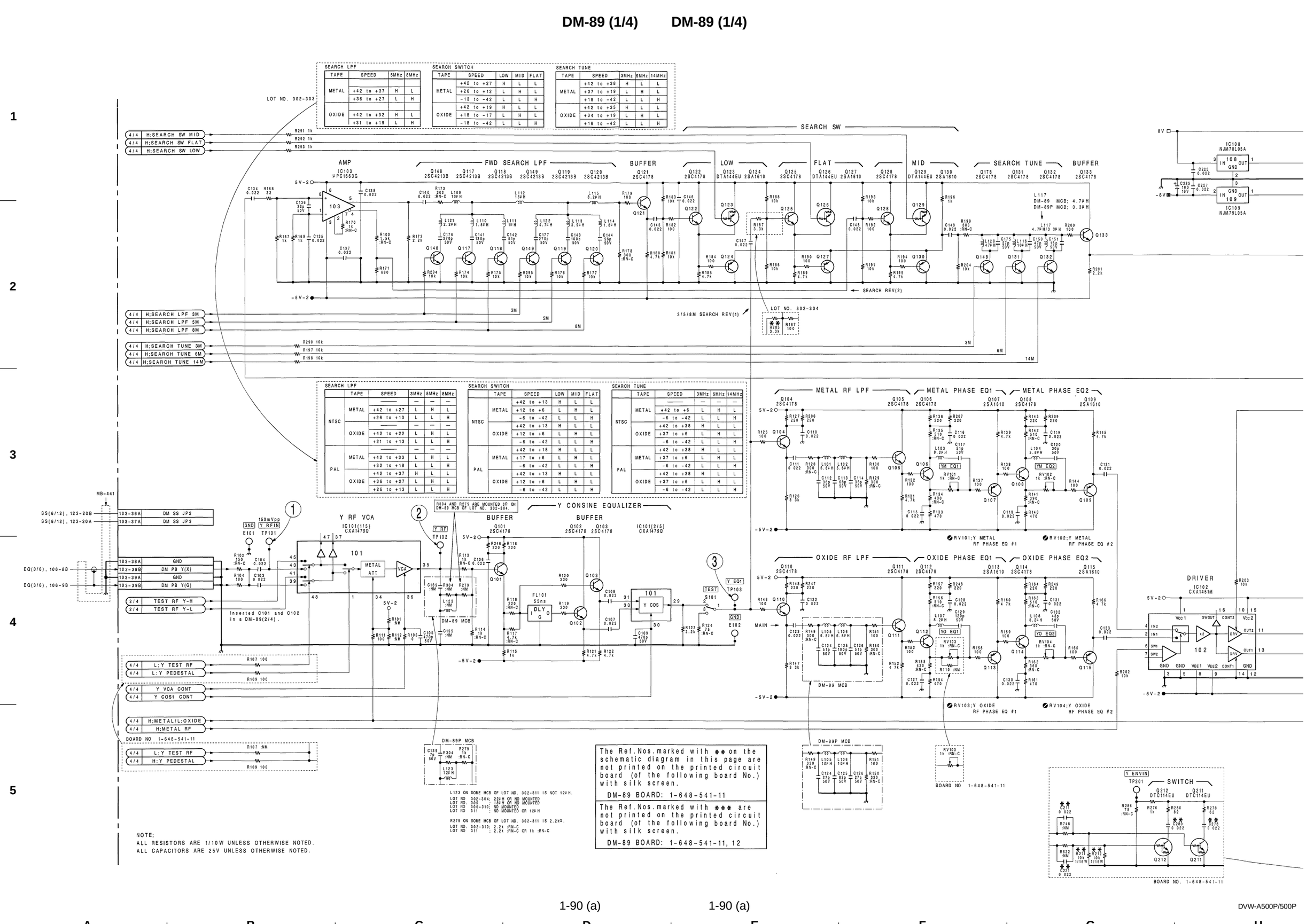


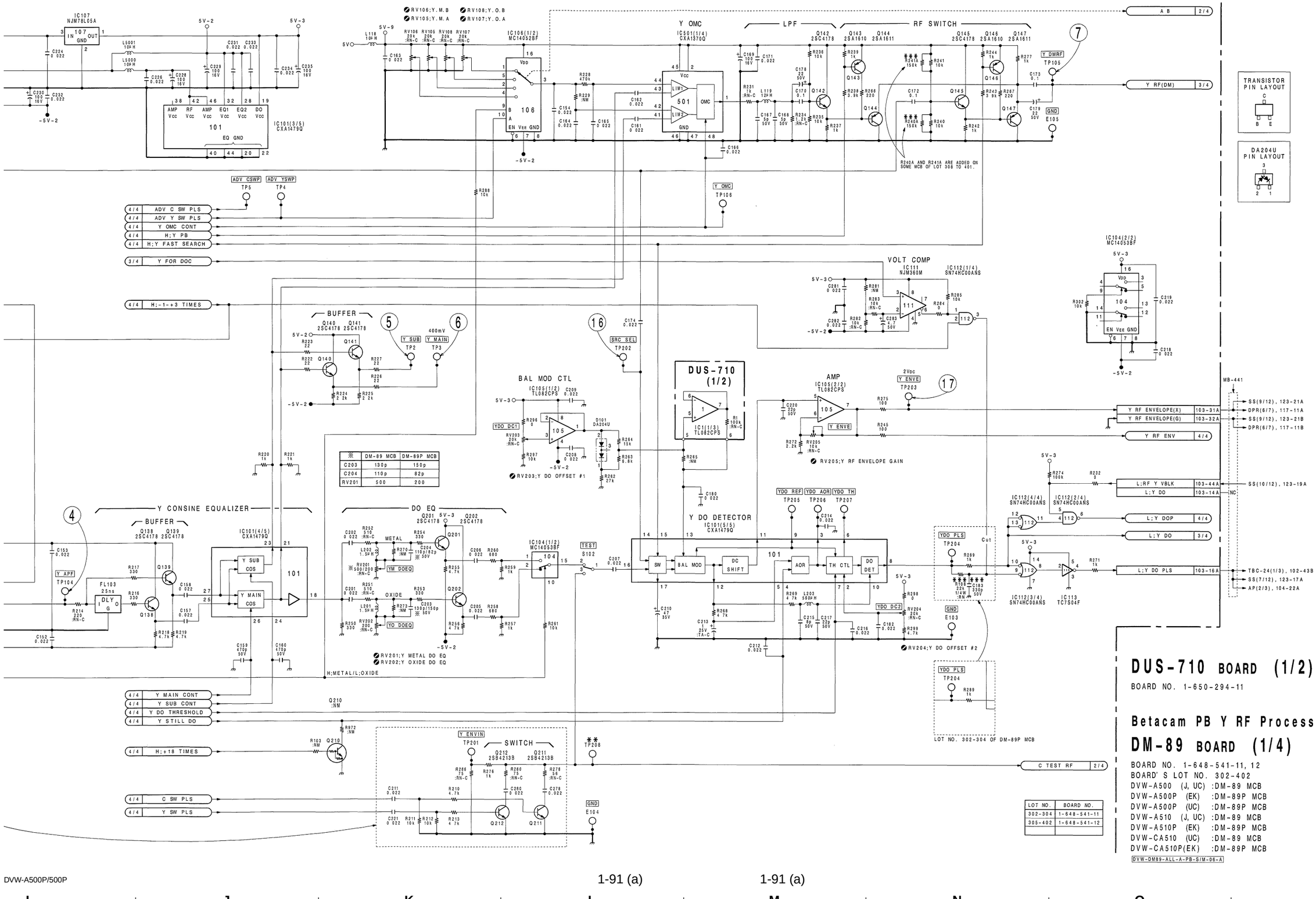
Betacam PB Control

DM-89 BOARD (4/4)

BOARD NO. 1-648-541-13
BOARD' S LOT NO. 403-502
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510(J, UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-B


SEARCH LPF
TAPE | SPEED | 5MHz | 8MHz
METAL | +42 to +37 | H | L
+36 to +27 | L | H
OXIDE | +42 to +32 | H | L
+31 to +19 | L | H
SEARCH SWITCH
TAPE | SPEED | LOW | MID | FLAT
METAL | +42 to +27 | H | L | L
+26 to +12 | L | H | L
-13 to -42 | L | L | H
OXIDE | +42 to +19 | H | L | L
+18 to -17 | L | H | L
-18 to -42 | L | L | H
SEARCH TUNE
TAPE | SPEED | 3MHz | 6MHz | 14MHz
METAL | +42 to +38 | H | L | L
+37 to +19 | L | H | L
+18 to -42 | L | L | H
OXIDE | +42 to +35 | H | L | L
+34 to +19 | L | H | L
+18 to -42 | L | L | H
LOT NO. 302-303
SEARCH SW
AMP
FWD SEARCH LPF
BUFFER
LOW
FLAT
MID
SEARCH TUNE
BUFFER
IC103 μPC1663G
Q148 2SC4213B
Q117 2SC4213B
Q118 2SC4213B
Q149 2SC4213B
Q119 2SC4213B
Q120 2SC4213B
Q121 2SC4178
Q122 2SC4178
Q123 DTA144EU
Q124 2SA1610
Q125 2SC4178
Q126 DTA144EU
Q127 2SA1610
Q128 2SC4178
Q129 DTA144EU
Q130 2SA1610
Q178 2SC4178
Q131 2SC4178
Q132 2SC4178
Q133 2SC4178
L117 DM-89 MCB; 4.7μH
DM-89P MCB; 3.3μH
SEARCH REV(2)
3/5/8M SEARCH REV(1)
LOT NO. 302-304
4/4 H;SEARCH SW MID
4/4 H;SEARCH SW FLAT
4/4 H;SEARCH SW LOW
4/4 H;SEARCH LPF 3M
4/4 H;SEARCH LPF 5M
4/4 H;SEARCH LPF 8M
4/4 H;SEARCH TUNE 3M
4/4 H;SEARCH TUNE 6M
4/4 H;SEARCH TUNE 14M
IC108 NJM78L05A
IC109 NJM79L05A
SEARCH LPF
TAPE | SPEED | 3MHz | 5MHz | 8MHz
NTSC METAL | +42 to +27 | L | H | L
+26 to +13 | L | L | H
NTSC OXIDE | +42 to +22 | L | H | L
+21 to +13 | L | L | H
PAL METAL | +42 to +33 | L | H | L
+32 to +18 | L | L | H
PAL OXIDE | +42 to +37 | H | L | L
+36 to +27 | L | H | L
+26 to +13 | L | L | H
SEARCH SWITCH
TAPE | SPEED | LOW | MID | FLAT
NTSC METAL | +42 to +13 | H | L | L
+12 to +6 | L | H | L
-6 to -42 | L | L | H
NTSC OXIDE | +42 to +13 | H | L | L
+12 to +6 | L | H | L
-6 to -42 | L | L | H
PAL METAL | +42 to +18 | H | L | L
+17 to +6 | L | H | L
-6 to -42 | L | L | H
PAL OXIDE | +42 to +13 | H | L | L
+12 to +6 | L | H | L
-6 to -42 | L | L | H
SEARCH TUNE
TAPE | SPEED | 3MHz | 6MHz | 14MHz
NTSC METAL | +42 to +6 | L | H | L
-6 to -42 | L | L | H
NTSC OXIDE | +42 to +38 | H | L | L
+37 to +6 | L | H | L
-6 to -42 | L | L | H
PAL METAL | +42 to +38 | H | L | L
+37 to +6 | L | H | L
-6 to -42 | L | L | H
PAL OXIDE | +42 to +38 | H | L | L
+37 to +6 | L | H | L
-6 to -42 | L | L | H
METAL RF LPF
METAL PHASE EQ1
METAL PHASE EQ2
Q104 2SC4178
Q105 2SC4178
Q106 2SC4178
Q107 2SA1610
Q108 2SC4178
Q109 2SA1610
YM EQ1
YM EQ2
RV101;Y METAL RF PHASE EQ #1
RV102;Y METAL RF PHASE EQ #2
OXIDE RF LPF
OXIDE PHASE EQ1
OXIDE PHASE EQ2
Q110 2SC4178
Q111 2SC4178
Q112 2SC4178
Q113 2SA1610
Q114 2SC4178
Q115 2SA1610
YO EQ1
YO EQ2
RV103;Y OXIDE RF PHASE EQ #1
RV104;Y OXIDE RF PHASE EQ #2
DM-89 MCB
DM-89P MCB
BOARD NO 1-648-541-11
DRIVER
IC102 CXA1451M
MAIN
Y RF VCA
IC101(1/5) CXA1479Q
IC101(2/5) CXA1479Q
Y CONSINE EQUALIZER
BUFFER
BUFFER
Y RF
TP102
Y EQ1
TP103
TEST
S101
Y COS
FL101 55ns DLY
150mVpp
Y RFIN
E101
TP101
GND
E102
R304 AND R279 ARE MOUNTED 0Ω ON DM-89 MCB OF LOT NO. 302-304.
Inserted C101 and C102 in a DM-89(2/4).
MB-441
SS(6/12), 123-20B
SS(6/12), 123-20A
EQ(3/6), 106-8B
EQ(3/6), 106-9B
103-36A DM SS JP2
103-37A DM SS JP3
103-38A GND
103-38B DM PB Y(X)
103-39A GND
103-39B DM PB Y(G)
2/4 TEST RF Y-H
2/4 TEST RF Y-L
4/4 L;Y TEST RF
4/4 L;Y PEDESTAL
4/4 Y VCA CONT
4/4 Y COS1 CONT
4/4 H;METAL/L;OXIDE
4/4 H;METAL RF
BOARD NO 1-648-541-11
4/4 L;Y TEST RF
4/4 H;Y PEDESTAL
DM-89P MCB
L123 ON SOME MCB OF LOT NO. 302-311 IS NOT 12μH.
LOT NO 302-304; 22μH OR NO MOUNTED
LOT NO 305 ; 18μH OR NO MOUNTED
LOT NO 306-310; NO MOUNTED
LOT NO 311 ; NO MOUNTED OR 12μH
R279 ON SOME MCB OF LOT NO. 302-311 IS 2.2kΩ.
LOT NO. 302-310; 2.2k :RN-C
LOT NO 311 ; 2.2k :RN-C OR 1k :RN-C
The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
DM-89 BOARD: 1-648-541-11
The Ref.Nos.marked with *** are not printed on the printed circuit board (of the following board No.) with silk screen.
DM-89 BOARD: 1-648-541-11, 12
BOARD NO 1-648-541-11
Y ENVIN
TP201
SWITCH
Q212 DTC114EU
Q211 DTC114EU
BOARD NO. 1-648-541-11
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



※	DM-89 MCB	DM-89P MCB
C203	130p	150p
C204	110p	82p
RV201	500	200

LOT NO.	BOARD NO.
302-304	1-648-541-11
305-402	1-648-541-12

DUS-710 BOARD (1/2)

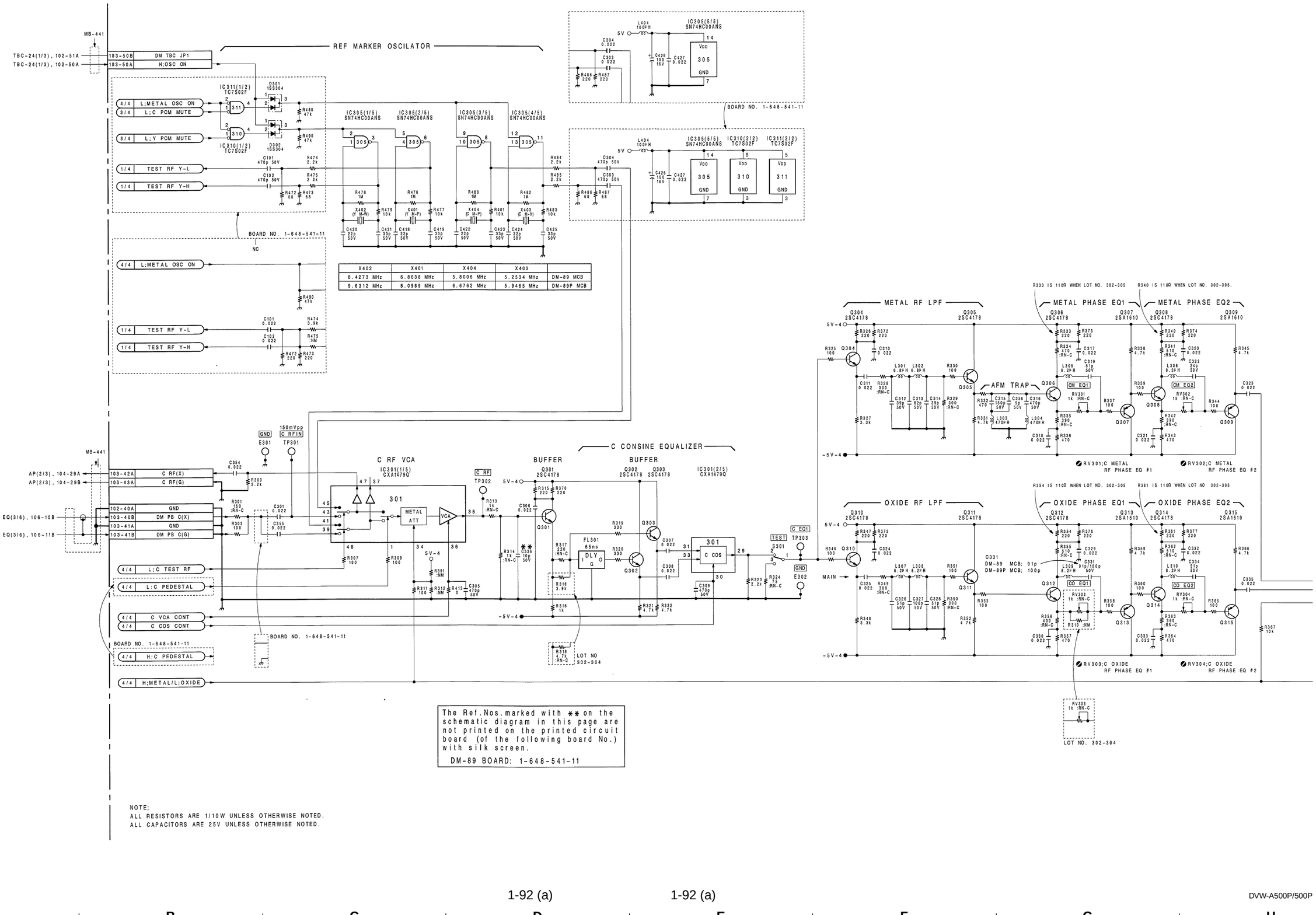
BOARD NO. 1-650-294-11

Betacam PB Y RF Process

DM-89 BOARD (1/4)

BOARD NO. 1-648-541-11, 12
BOARD' S LOT NO. 302-402
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89 MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510 (UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

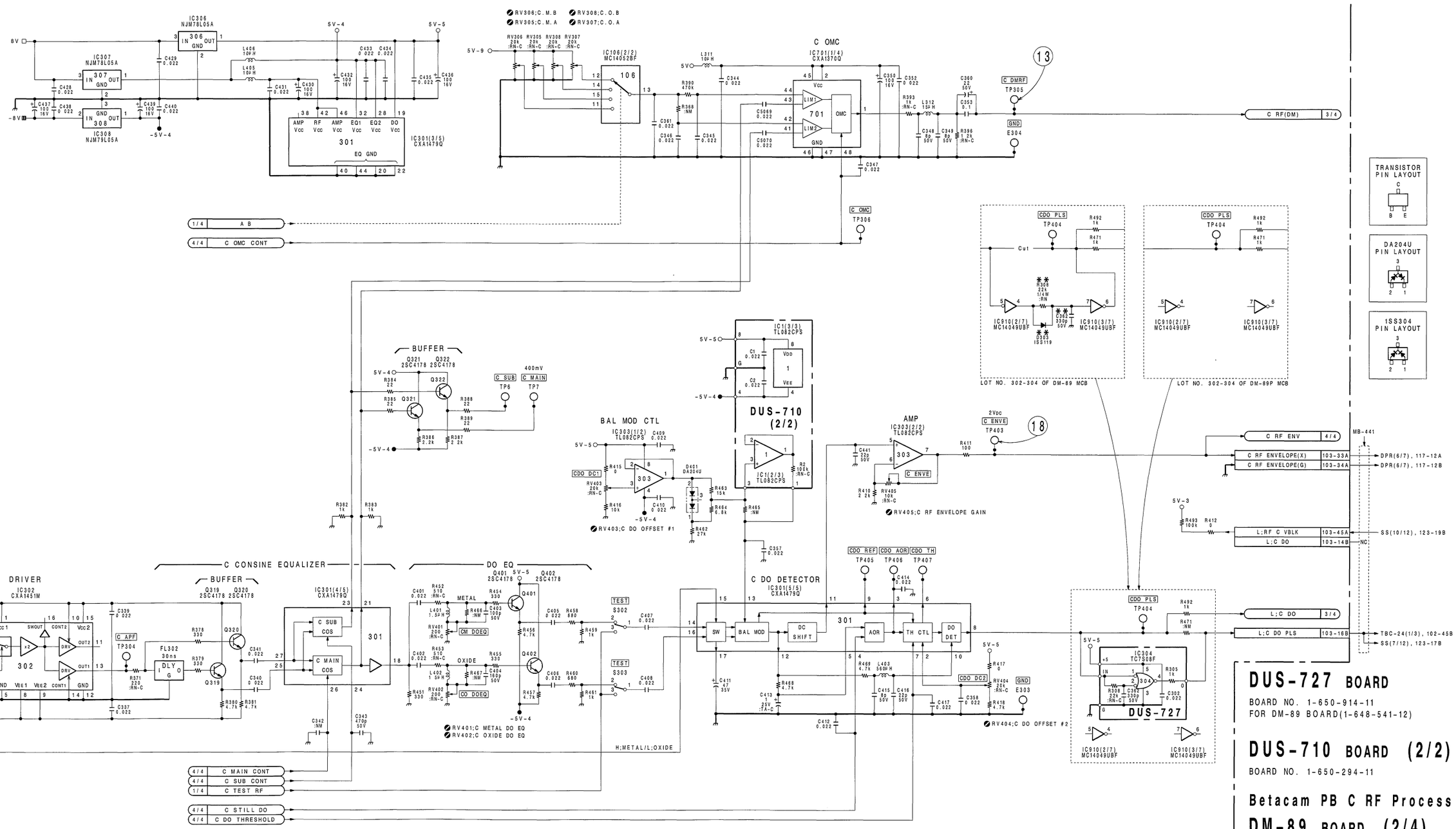
DVW-DM89-ALL-A-PB-S/M-06-A



The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DM-89 BOARD: 1-648-541-11

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



DUS-727 BOARD

BOARD NO. 1-650-914-11
FOR DM-89 BOARD(1-648-541-12)

DUS-710 BOARD (2/2)

BOARD NO. 1-650-294-11

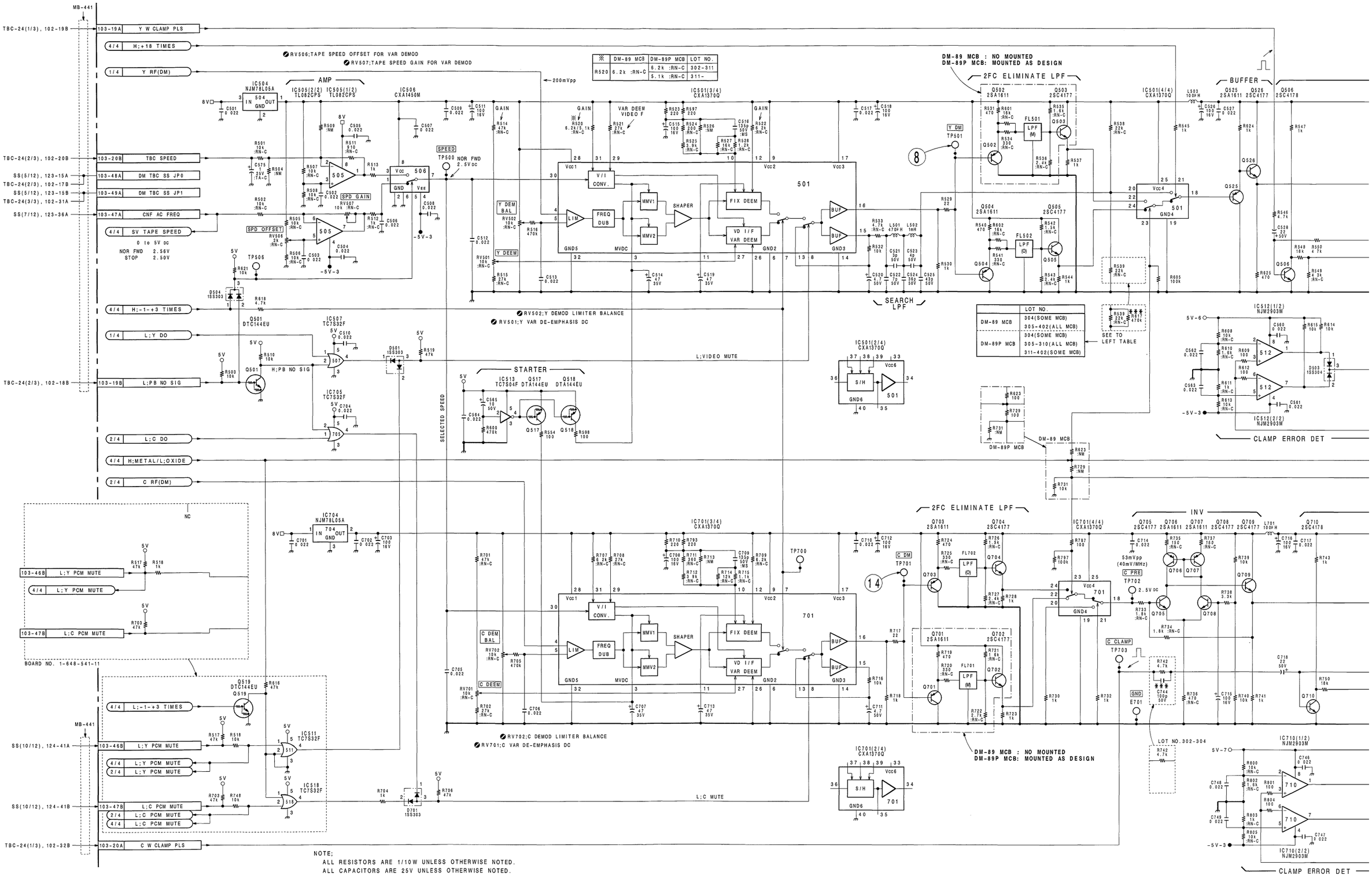
Betacam PB C RF Process

DM-89 BOARD (2/4)

BOARD NO. 1-648-541-11, 12
BOARD' S LOT NO. 302-402
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510 (UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-A

LOT NO.	BOARD NO.
302-304	1-648-541-11
305-402	1-648-541-12


MB-441
TBC-24(1/3), 102-19B
103-19A Y W CLAMP PLS
4/4 H;+18 TIMES
RV506;TAPE SPEED OFFSET FOR VAR DEMOD
RV507;TAPE SPEED GAIN FOR VAR DEMOD
1/4 Y RF(DM)
200mVpp
※ DM-89 MCB DM-89P MCB LOT NO.
R520 6.2k :RN-C 5.2k :RN-C 302-311
5.1k :RN-C 311-
DM-89 MCB : NO MOUNTED
DM-89P MCB: MOUNTED AS DESIGN
IC504 NJM78L05A
IC505(2/2) TL082CPS
IC505(1/2) TL082CPS
IC506 CXA1450M
AMP
2FC ELIMINATE LPF
BUFFER
TBC-24(2/3), 102-20B
103-20B TBC SPEED
SS(5/12), 123-15A
103-48A DM TBC SS JP0
TBC-24(2/3), 102-17B
SS(5/12), 123-15B
103-49A DM TBC SS JP1
TBC-24(3/3), 102-31A
SS(7/12), 123-36A
103-47A CNF AC FREQ
4/4 SV TAPE SPEED
0 to 5V DC
NOR FWD 2.56V
STOP 2.50V
SPEED
TP500 NOR FWD 2.5V DC
SPD GAIN
SPD OFFSET
IC501(3/4) CXA1370Q
501
V/I CONV.
FREQ DUB
LIM
MMV1
MMV2
SHAPER
FIX DEEM
VD I/F VAR DEEM
BUF
VAR DEEM VIDEO F
Y DEM BAL
Y DEEM
TP501
Y DM
IC501(4/4) CXA1370Q
Q502 2SA1611
Q503 2SC4177
Q504 2SA1611
Q505 2SC4177
FL501
FL502
LPF (M)
LPF (O)
SEARCH LPF
SEE TO LEFT TABLE
LOT NO.
DM-89 MCB 304(SOME MCB) 305-402(ALL MCB)
DM-89P MCB 304(SOME MCB) 305-310(ALL MCB) 311-402(SOME MCB)
Q506 2SC4178
Q525 2SA1611
Q526 2SC4177
IC512(1/2) NJM2903M
IC512(2/2) NJM2903M
CLAMP ERROR DET
RV502;Y DEMOD LIMITER BALANCE
RV501;Y VAR DE-EMPHASIS DC
L;VIDEO MUTE
TBC-24(2/3), 102-18B
103-19B L;PB NO SIG
H;PB NO SIG
IC507 TC7S32F
IC705 TC7S32F
STARTER
IC513 TC7S04F
Q517 DTA144EU
Q518 DTA144EU
SELECTED SPEED
IC501(2/4) CXA1370Q
S/H
2/4 L;C DO
4/4 H;METAL/L;OXIDE
2/4 C RF(DM)
NC
IC704 NJM78L05A
103-46B L;Y PCM MUTE
4/4 L;Y PCM MUTE
103-47B L;C PCM MUTE
BOARD NO. 1-648-541-11
C DEM BAL
C DEEM
C DM
TP701
C PRE
TP702
2.5V DC
C CLAMP
TP703
GND
E701
53mVpp (40mV/MHz)
INV
2FC ELIMINATE LPF
IC701(3/4) CXA1370Q
IC701(4/4) CXA1370Q
IC701(2/4) CXA1370Q
Q701 2SA1611
Q702 2SC4177
Q703 2SA1611
Q704 2SC4177
Q705 2SC4177
Q706 2SA1611
Q707 2SA1611
Q708 2SC4177
Q709 2SC4177
Q710 2SC4178
FL701
FL702
LPF (M)
LPF (O)
LOT NO.302-304
RV702;C DEMOD LIMITER BALANCE
RV701;C VAR DE-EMPHASIS DC
L;C MUTE
IC710(1/2) NJM2903M
IC710(2/2) NJM2903M
Q519 DTC144EU
IC511 TC7S32F
IC518 TC7S32F
TBC-24(1/3), 102-32B
103-20A C W CLAMP PLS
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

※	DM-89 MCB	DM-89P MCB	LOT NO.
R555	160 :RN-C	160 :RN-C	302-311
		51 :RN-C	311-

※	DM-89 MCB	DM-89P MCB
R557	470 :RN-C	300 :RN-C
R561	470 :RN-C	300 :RN-C

※	DM-89 MCB	DM-89P MCB
Q514	NO MOUNTED	6.8k :RN-C
R586	NO MOUNTED	DTC144EU

FM CARRIER ALLOCATION

	DM-89 MCB		DM-89P MCB	
	METAL	OXIDE	METAL	OXIDE
Y SYNC TIP	6.24MHz	4.82MHz	7.44MHz	4.82MHz
Y PEDESTAL	6.86MHz	5.44MHz	8.10MHz	5.47MHz
Y WHITE PEAK	8.43MHz	7.00MHz	9.63MHz	7.00MHz

REFERENCE SIGNAL IS 100% WHITE SIGNAL.

※	DM-89 MCB	DM-89P MCB
R580	NO MOUNTED	100
R782	4.7k :RN-C	6.8k :RN-C
Q718	NO MOUNTED	DTC144EU

FM CARRIER ALLOCATION

	DM-89 MCB		DM-89P MCB	
	METAL	OXIDE	METAL	OXIDE
C REF. SYNC TIP	5.95MHz	6.07MHz	7.99MHz	6.24MHz
C PEDESTAL	5.80MHz	4.93MHz	6.68MHz	4.93MHz
C HIGH PEAK	5.25MHz	4.38MHz	5.95MHz	4.20MHz
C LOW PEAK	6.35MHz	5.47MHz	7.41MHz	5.65MHz

REFERENCE SIGNAL IS COLOR BARS SIGNAL.
DM-89 MCB : 75% COLOR BARS
DM-89P MCB: 100% COLOR BARS

DM-89 MCB : NO MOUNTED
DM-89P MCB: MOUNTED AS DESIGN

RV503;DEMOD METAL VIDEO LEVEL
RV504;DEMOD OXIDE VIDEO LEVEL
RV703;DEMOD METAL CHROMA LEVEL (PAL)
RV704;DEMOD OXIDE CHROMA LEVEL (PAL)
RV704;DEMOD CHROMA LEVEL (NTSC)

H;METAL

The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
DM-89 BOARD: 1-648-541-11

The Ref.Nos. marked with *** are not printed on the printed circuit board (of the following board No.) with silk screen.
DM-89 BOARD: 1-648-541-12

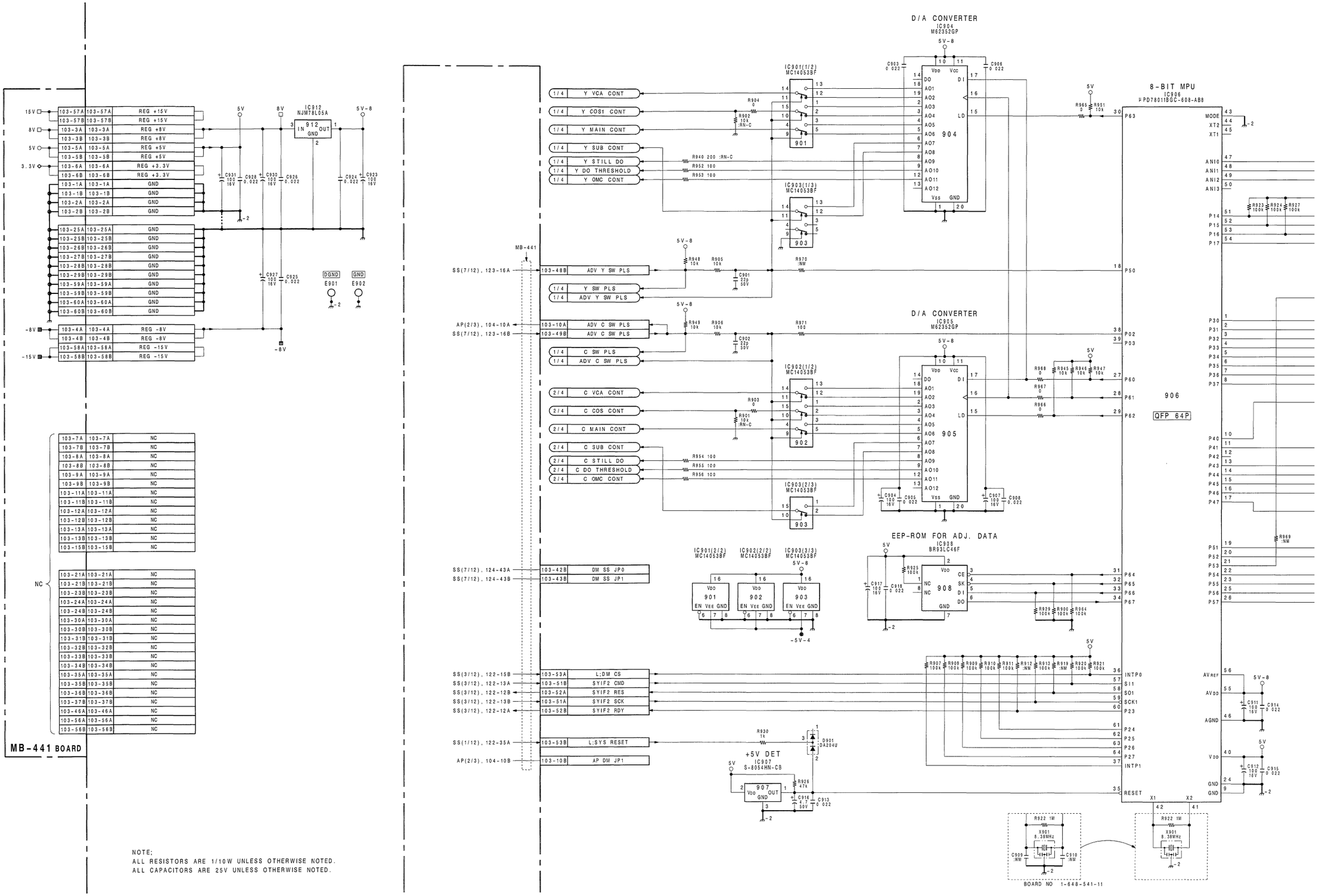
Betacam PB Y/C Demod Process

DM-89 BOARD (3/4)

BOARD NO. 1-648-541-11, 12
BOARD' S LOT NO. 302-402
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510 (UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

DVW-DM89-ALL-A-PB-S/M-06-A

LOT NO.	BOARD NO.
302-304	1-648-541-11
305-402	1-648-541-12



1-96 (a) 1-96 (a)

DVW-A500P/500P

FACTORY SETTING OF S901

	1	2	3	4
	ADJ	TIME	RF SW	P/N
DM-89 MCB	OFF	OFF	OFF	ON
DM-89P MCB	OFF	OFF	OFF	OFF

Y RF ENV 1/4
C RF ENV 2/4
SV TAPE SPEED 3/4

5V R928 100k
S901 (ADJ, TIME, RF SW, P/N)
R931 18k
R932 12k :RN-C
R973 :NM
NC

LOT NO 302 OF DM-89P MCB, WHEN VERSION OF IC906 IS 1.00.

BOARD NO 1-648-541-11

H;SEARCH TUNE 14M 1/4
H;SEARCH TUNE 6M 1/4
H;SEARCH SW FLAT 1/4
L;Y DOP 1/4
H;SEARCH SW LOW 1/4
H;SEARCH LPF 8M 1/4
H;SEARCH LPF 5M 1/4
H;SEARCH SW MID 1/4

BUFFER
IC909(4/5) MC14050BF

H;+18 TIMES 3/4
H;+18 TIMES 1/4
H;AFM MUTE 103-22A → AP(2/3), 104-23A
H;LAU MUTE 103-22B → AP(1/3), 104-24A
H;NR ON 103-23A → AP(1/3), 104-25A
H;SEARCH TUNE 3M 1/4
H;SEARCH LPF 3M 1/4
L;REF CK ERROR 103-54A → AP(2/3), 104-18A
L;PLL ERROR 103-54B → AP(2/3), 104-19A
L;W/R TIM ERROR 103-55A → AP(2/3), 104-20A
L;SQL ON 103-55B → AP(3/3), 104-21A

5V R963 100k R962 100k R961 100k R960 100k R959 100k
MB-441

5V R958 470 ADJUST D902 CL-150D-CD Q902 DTC144EU SWITCH

IC910(7/7) MC14049UBF
IC909(5/5) MC14050BF
IC911(5/5) SN74HC02ANS
C920 0.022 C919 0.022 C921 0.022 C922 100 16V
BOARD NO. 1-648-541-11

MB-441
TBC-23(1/5), 101-18B → 103-18A H;Y REF INS
3/4 L;Y PCM MUTE
TBC-23(1/5), 101-19B → 103-17A H;Y PEDESTAL INS
TBC-23(1/5), 101-31B → 103-18B H;C REF INS
3/4 L;C PCM MUTE
TBC-23(1/5), 101-30B → 103-17B H;C PEDESTAL INS
SS(8/12), 123-18B → 103-45B L;SLOW BID
SS(8/12), 123-18A → 103-44B H;FAST SEARCH

IC910(6/7) MC14049UBF
IC910(1/7) MC14049UBF
D903 1SS304 R933 100k R939 47k
D904 1SS304 R934 100k R935 100k R941 47k
R936 100k R937 100k R943 10k R944 10k R950 100k
IC911(4/5) SN74HC02ANS
IC911(2/5) SN74HC02ANS
IC911(3/5) SN74HC02ANS
IC911(1/5) SN74HC02ANS
R938 10k R942 10k
IC909(2/5) MC14050BF
IC910(5/7) MC14049UBF
IC909(3/5) MC14050BF
IC910(4/7) MC14049UBF
IC913 TC7S32F

L;Y TEST RF 2/4
L;Y PEDESTAL 1/4
L;C TEST RF 2/4
L;C PEDESTAL 2/4
L;-1-+3 TIMES 3/4
H;-1-+3 TIMES 1/4
H;-1-+3 TIMES 3/4
H;Y FAST SEARCH 1/4
H;Y PB 1/4
H;METAL RF 1/4

IC909(1/5) MC14050BF R914 10k
L;METAL/H:OXIDE 103-15A → MB-441 → TBC-24(3/3), 102-50B
L;METAL OSC ON 2/4

5V R957 1k
L;METAL → Q901 DTC144EU SWITCH
H;METAL/L:OXIDE 1/4
H;METAL/L:OXIDE 2/4
H;METAL/L:OXIDE 3/4

BOARD NO 1-648-541-11

MB-441
TBC-23(1/5), 101-18B → 103-18A H;Y REF INS
3/4 L;Y PCM MUTE
TBC-23(1/5), 101-19B → 103-17A H;Y PEDESTAL INS
TBC-23(1/5), 101-31B → 103-18B H;C REF INS
TBC-23(1/5), 101-30B → 103-17B H;C PEDESTAL INS
SS(8/12), 123-18B → 103-45B L;SLOW BID
SS(8/12), 123-18A → 103-44B H;FAST SEARCH

R939 :NM R933 100k R938 10k R934 :NM (Cut) R941 10k R935 100k R942 10k R936 100k
R937 100k R943 10k R944 10k R950 100k
IC911(4/5) SN74HC02ANS
IC909(1/5) MC14050BF
IC911(3/5) SN74HC02ANS
IC909(2/5) MC14050BF
IC910(5/7) MC14049UBF
IC909(3/5) MC14050BF
IC910(4/7) MC14049UBF
IC911(1/5) SN74HC02ANS
IC910(6/7) MC14049UBF

L;Y TEST RF 2/4
L;METAL OSC ON 2/4
H;Y PEDESTAL 1/4
L;C TEST RF 2/4
H;C PEDESTAL 2/4
H;-1-+3 TIMES 1/4
H;-1-+3 TIMES 3/4
H;Y FAST SEARCH 1/4
H;Y PB 1/4
H;METAL RF 1/4

IC910(1/7) MC14049UBF
L;METAL/H:OXIDE 103-15A → MB-441 → TBC-24(3/3), 102-50B
IC911(2/5) SN74HC02ANS

5V R957 2.2k
L;METAL → Q901 DTC144EU SWITCH
H;METAL/L:OXIDE 1/4
H;METAL/L:OXIDE 2/4
H;METAL/L:OXIDE 3/4

TRANSISTOR PIN LAYOUT (C, B, E)
DA204U PIN LAYOUT (3, 2, 1)
1SS304 PIN LAYOUT (3, 2, 1)

Betacam PB Control

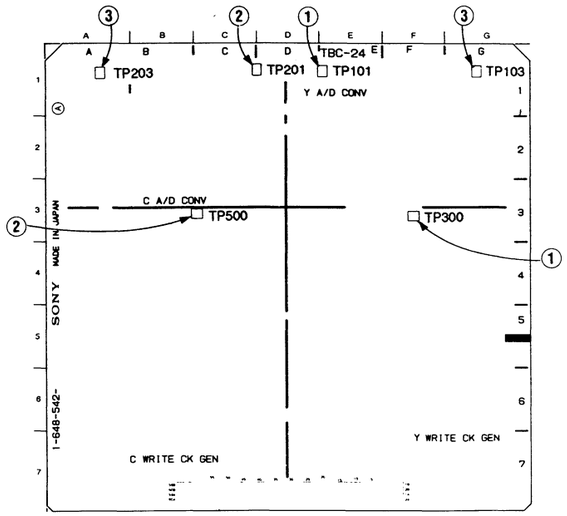
DM-89 BOARD (4/4)

BOARD NO. 1-648-541-11, 12
BOARD' S LOT NO. 302-402
DVW-A500 (J, UC) :DM-89 MCB
DVW-A500P (EK) :DM-89P MCB
DVW-A500P (UC) :DM-89P MCB
DVW-A510 (J, UC) :DM-89 MCB
DVW-A510P (EK) :DM-89P MCB
DVW-CA510 (UC) :DM-89 MCB
DVW-CA510P(EK) :DM-89P MCB

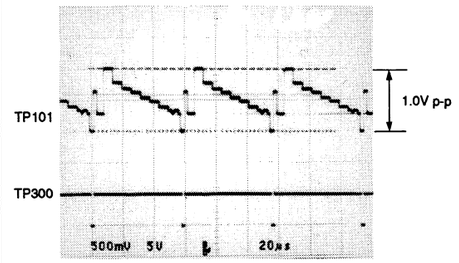
DVW-DM89-ALL-A-PB-S/M-06-A

LOT NO.	BOARD NO.
302-304	1-648-541-11
305-402	1-648-541-12

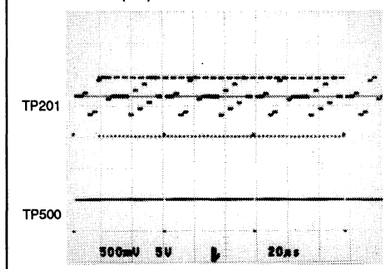
TBC-24 Board -A Side-



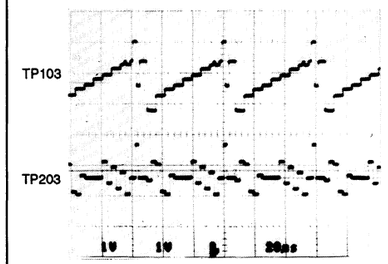
① TP101(E-1) PB mode
TP300(F-3) PB mode



② TP201(C-1) PB mode
TP500(C-3) PB mode



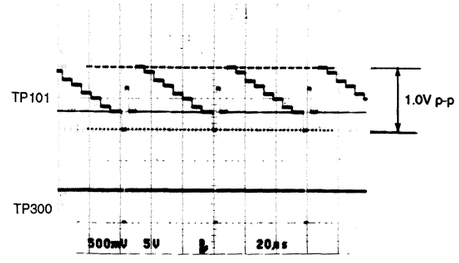
③ TP103(G-1) PB mode
TP203(A-1) PB mode



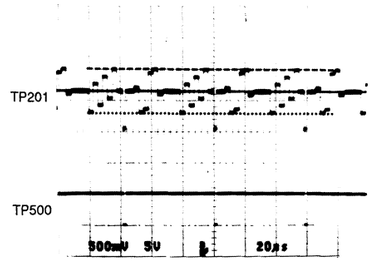
Measurement Condition
MODE : PB mode
TAPE : CR5-1B

For DVW-A500/A510/CA510

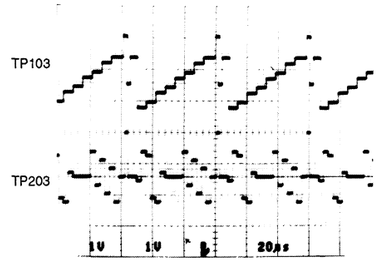
① TP101(E-1) PB mode
TP300(F-3) PB mode



② TP201(C-1) PB mode
TP500(C-3) PB mode

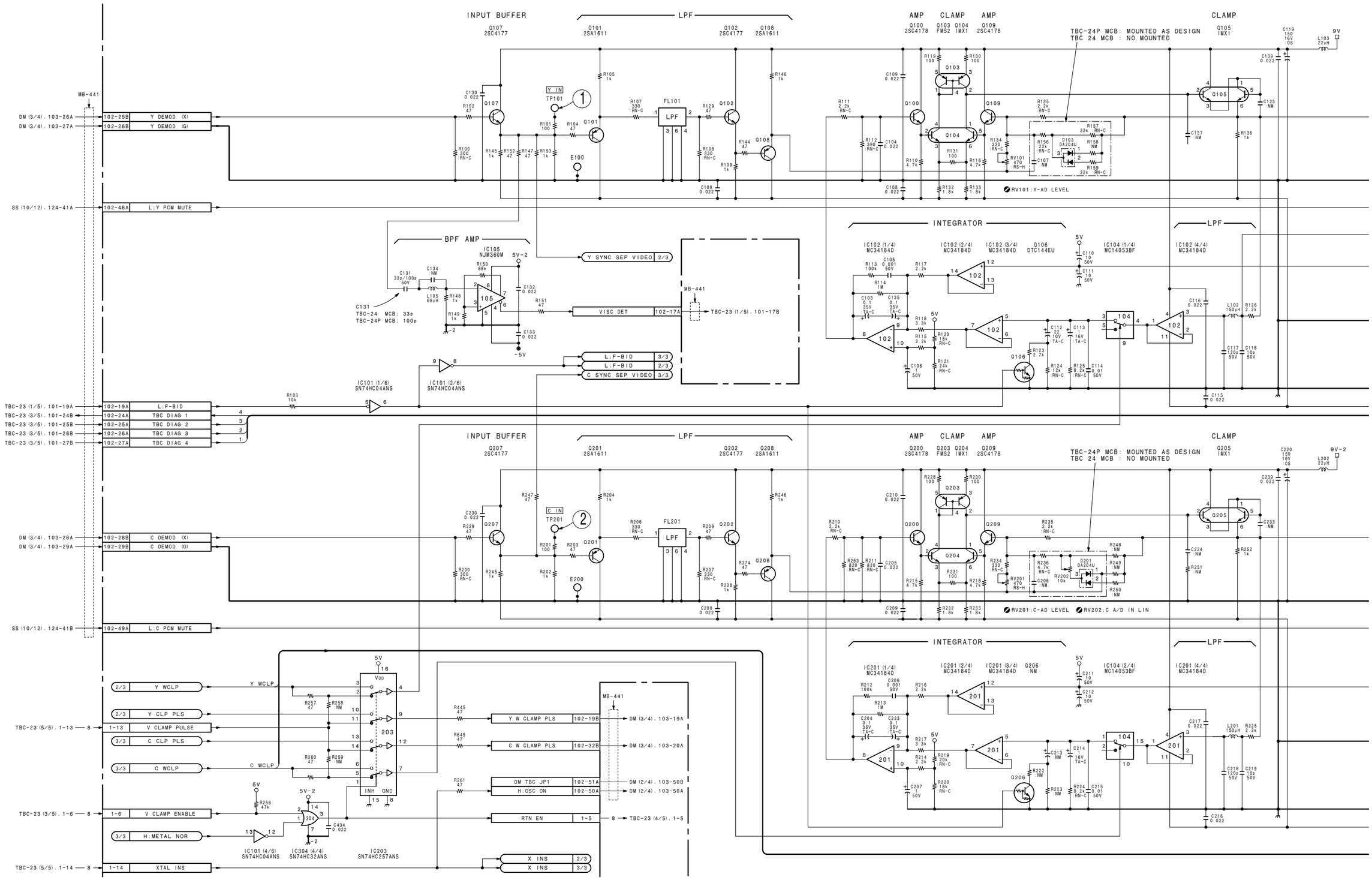


③ TP103(G-1) PB mode
TP203(A-1) PB mode



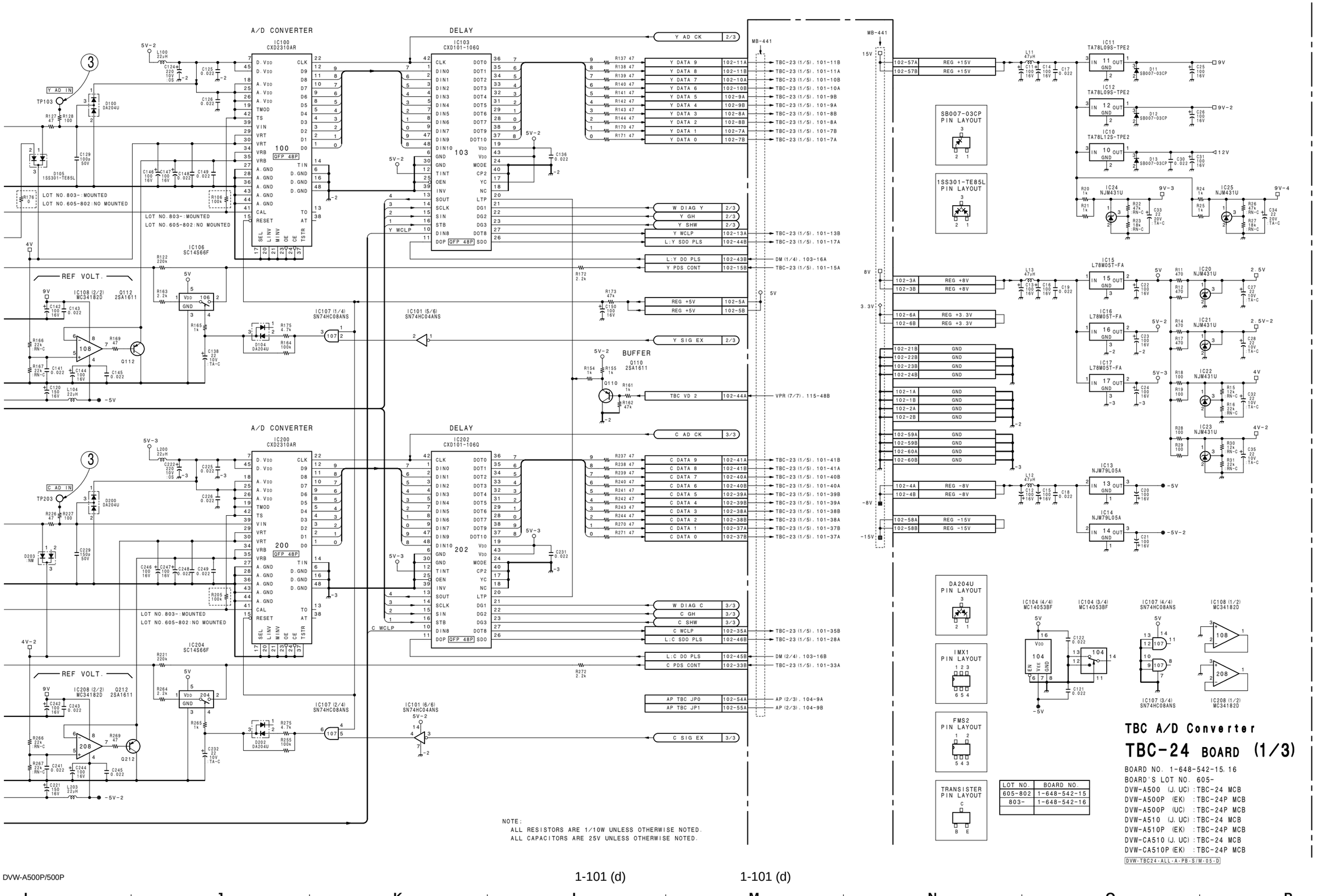
Measurement Condition
MODE : PB mode
TAPE : CR5-1BPS

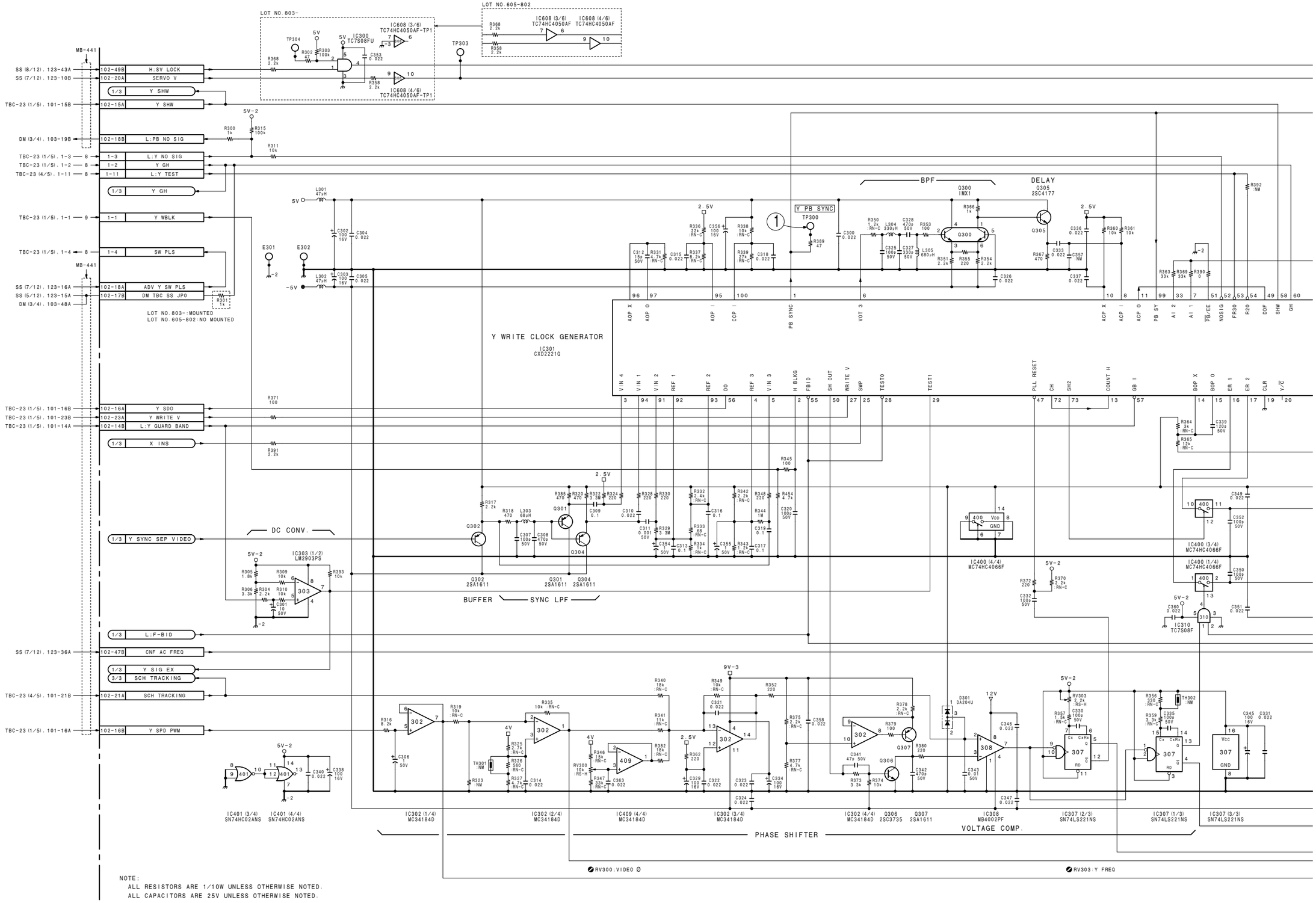
For DVW-A500P/A510P/CA510P

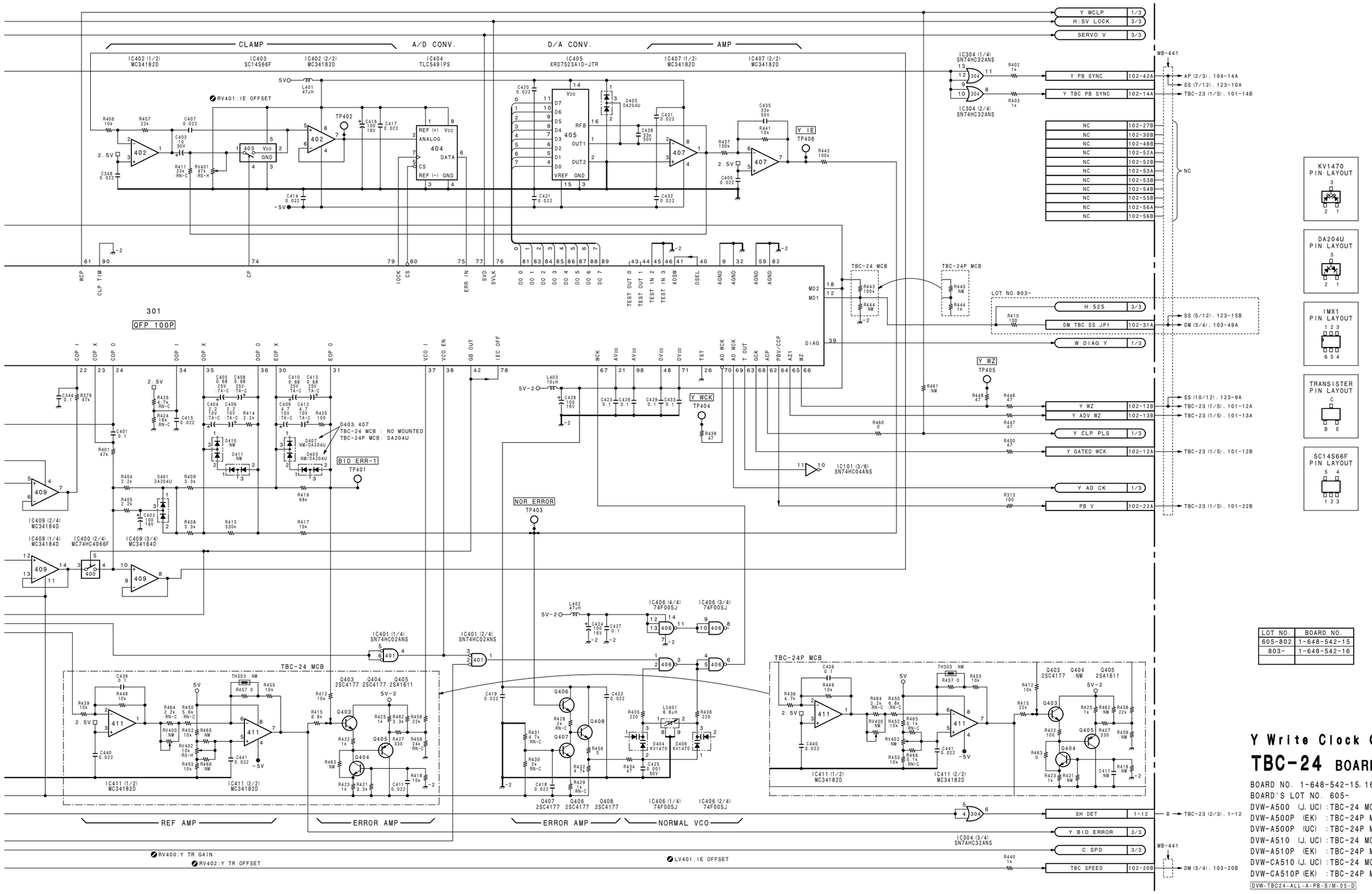


1-100 (d) 1-100 (d)

DVW-A500P/500P


A/D CONVERTER
IC100 CXD2310AR
DELAY
IC103 CXD101-106Q
Y AD IN
TP103
D100 DA204U
Y AD CK 2/3
Y DATA 9 102-11A → TBC-23 (1/5), 101-11B
Y DATA 8 102-11B → TBC-23 (1/5), 101-11A
Y DATA 7 102-10A → TBC-23 (1/5), 101-10B
Y DATA 6 102-10B → TBC-23 (1/5), 101-10A
Y DATA 5 102-9A → TBC-23 (1/5), 101-9B
Y DATA 4 102-9B → TBC-23 (1/5), 101-9A
Y DATA 3 102-8A → TBC-23 (1/5), 101-8B
Y DATA 2 102-8B → TBC-23 (1/5), 101-8A
Y DATA 1 102-7A → TBC-23 (1/5), 101-7B
Y DATA 0 102-7B → TBC-23 (1/5), 101-7A
W DIAG Y 2/3
Y GH 2/3
Y SHW 2/3
Y WCLP 102-13A → TBC-23 (1/5), 101-13B
L:Y SDO PLS 102-44B → TBC-23 (1/5), 101-17A
L:Y DO PLS 102-43B → DM (1/4), 103-16A
Y PDS CONT 102-15B → TBC-23 (1/5), 101-15A
REG +5V 102-5A
REG +5V 102-5B
Y SIG EX 2/3
TBC VD 2 102-44A → VPR (7/7), 115-48B
LOT NO. 803-: MOUNTED
LOT NO. 605-802: NO MOUNTED
REF VOLT.
IC106 SC14S66F
IC108 (2/2) MC34182D
Q112 2SA1611
IC107 (1/4) SN74HC08ANS
IC101 (5/6) SN74HC04ANS
BUFFER
Q110 2SA1611
A/D CONVERTER
IC200 CXD2310AR
DELAY
IC202 CXD101-106Q
C AD IN
TP203
D200 DA204U
C AD CK 3/3
C DATA 9 102-41A → TBC-23 (1/5), 101-41B
C DATA 8 102-41B → TBC-23 (1/5), 101-41A
C DATA 7 102-40A → TBC-23 (1/5), 101-40B
C DATA 6 102-40B → TBC-23 (1/5), 101-40A
C DATA 5 102-39A → TBC-23 (1/5), 101-39B
C DATA 4 102-39B → TBC-23 (1/5), 101-39A
C DATA 3 102-38A → TBC-23 (1/5), 101-38B
C DATA 2 102-38B → TBC-23 (1/5), 101-38A
C DATA 1 102-37A → TBC-23 (1/5), 101-37B
C DATA 0 102-37B → TBC-23 (1/5), 101-37A
W DIAG C 3/3
C GH 3/3
C SHW 3/3
C WCLP 102-35A → TBC-23 (1/5), 101-35B
L:C SDO PLS 102-46B → TBC-23 (1/5), 101-28A
L:C DO PLS 102-45B → DM (2/4), 103-16B
C PDS CONT 102-33B → TBC-23 (1/5), 101-33A
AP TBC JP0 102-54A → AP (2/3), 104-9A
AP TBC JP1 102-55A → AP (2/3), 104-9B
C SIG EX 3/3
LOT NO. 803-: MOUNTED
LOT NO. 605-802: NO MOUNTED
REF VOLT.
IC204 SC14S66F
IC208 (2/2) MC34182D
Q212 2SA1611
IC107 (2/4) SN74HC08ANS
IC101 (6/6) SN74HC04ANS
MB-441
REG +15V 102-57A
REG +15V 102-57B
REG +8V 102-3A
REG +8V 102-3B
REG +3.3V 102-6A
REG +3.3V 102-6B
GND 102-21B
GND 102-22B
GND 102-23B
GND 102-24B
GND 102-1A
GND 102-1B
GND 102-2A
GND 102-2B
GND 102-59A
GND 102-59B
GND 102-60A
GND 102-60B
REG -8V 102-4A
REG -8V 102-4B
REG -15V 102-58A
REG -15V 102-58B
SB007-03CP PIN LAYOUT
1SS301-TE85L PIN LAYOUT
IC11 TA78L09S-TPE2
IC12 TA78L09S-TPE2
IC10 TA78L12S-TPE2
IC15 L78M05T-FA
IC16 L78M05T-FA
IC17 L78M05T-FA
IC13 NJM79L05A
IC14 NJM79L05A
IC24 NJM431U
IC25 NJM431U
IC20 NJM431U
IC21 NJM431U
IC22 NJM431U
IC23 NJM431U
DA204U PIN LAYOUT
IMX1 PIN LAYOUT
FMS2 PIN LAYOUT
TRANSISTER PIN LAYOUT
IC104 (4/4) MC14053BF
IC104 (3/4) MC14053BF
IC107 (4/4) SN74HC08ANS
IC107 (3/4) SN74HC08ANS
IC108 (1/2) MC34182D
IC208 (1/2) MC34182D
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
TBC A/D Converter
TBC-24 BOARD (1/3)
BOARD NO. 1-648-542-15, 16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : TBC-24 MCB
DVW-A500P (EK) : TBC-24P MCB
DVW-A500P (UC) : TBC-24P MCB
DVW-A510 (J, UC) : TBC-24 MCB
DVW-A510P (EK) : TBC-24P MCB
DVW-CA510 (J, UC) : TBC-24 MCB
DVW-CA510P (EK) : TBC-24P MCB
DVW-TBC24-ALL-A-PB-S/M-05-D
LOT NO. BOARD NO.
605-802 1-648-542-15
803- 1-648-542-16


LOT NO.803-
LOT NO.605-802
IC608 (3/6) TC74HC4050AF-TP1
IC608 (4/6) TC74HC4050AF-TP1
IC608 (3/6) TC74HC4050AF
IC608 (4/6) TC74HC4050AF
IC300 TC7S08FU
TP303
TP304
MB-441
SS (8/12), 123-43A
SS (7/12), 123-10B
TBC-23 (1/5), 101-15B
DM (3/4), 103-19B
TBC-23 (1/5), 1-3
TBC-23 (1/5), 1-2
TBC-23 (4/5), 1-11
TBC-23 (1/5), 1-1
TBC-23 (1/5), 1-4
SS (7/12), 123-16A
SS (5/12), 123-15A
DM (3/4), 103-48A
102-49B H:SV LOCK
102-20A SERVO V
1/3 Y SHW
102-15A Y SHW
102-18B L:PB NO SIG
1-3 L:Y NO SIG
1-2 Y GH
1-11 L:Y TEST
1/3 Y GH
1-1 Y WBLK
1-4 SW PLS
102-18A ADV Y SW PLS
102-17B DM TBC SS JP0
LOT NO.803-:MOUNTED
LOT NO.605-802:NO MOUNTED
TBC-23 (1/5), 101-16B
TBC-23 (1/5), 101-23B
TBC-23 (1/5), 101-14A
102-16A Y SDO
102-23A Y WRITE V
102-14B L:Y GUARD BAND
1/3 X INS
DC CONV.
1/3 Y SYNC SEP VIDEO
IC303 (1/2) LM2903PS
1/3 L:F-BID
SS (7/12), 123-36A
102-47B CNF AC FREQ
1/3 Y SIG EX
3/3 SCH TRACKING
TBC-23 (4/5), 101-21B
102-21A SCH TRACKING
TBC-23 (1/5), 101-16A
102-16B Y SPD PWM
IC401 (3/4) SN74HC02ANS
IC401 (4/4) SN74HC02ANS
Y WRITE CLOCK GENERATOR
IC301 CXD2221Q
Y PB SYNC
TP300
BPF
DELAY
Q300 IMX1
Q305 2SC4177
IC400 (4/4) MC74HC4066F
IC400 (3/4) MC74HC4066F
IC400 (1/4) MC74HC4066F
IC310 TC7S08F
BUFFER
SYNC LPF
Q302 2SA1611
Q301 2SA1611
Q304 2SA1611
IC302 (1/4) MC34184D
IC302 (2/4) MC34184D
IC409 (4/4) MC34184D
IC302 (3/4) MC34184D
IC302 (4/4) MC34184D
Q306 2SC3735
Q307 2SA1611
IC308 MB4002PF
VOLTAGE COMP.
IC307 (2/3) SN74LS221NS
IC307 (1/3) SN74LS221NS
IC307 (3/3) SN74LS221NS
PHASE SHIFTER
RV300:VIDEO Ø
RV303:Y FREQ
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



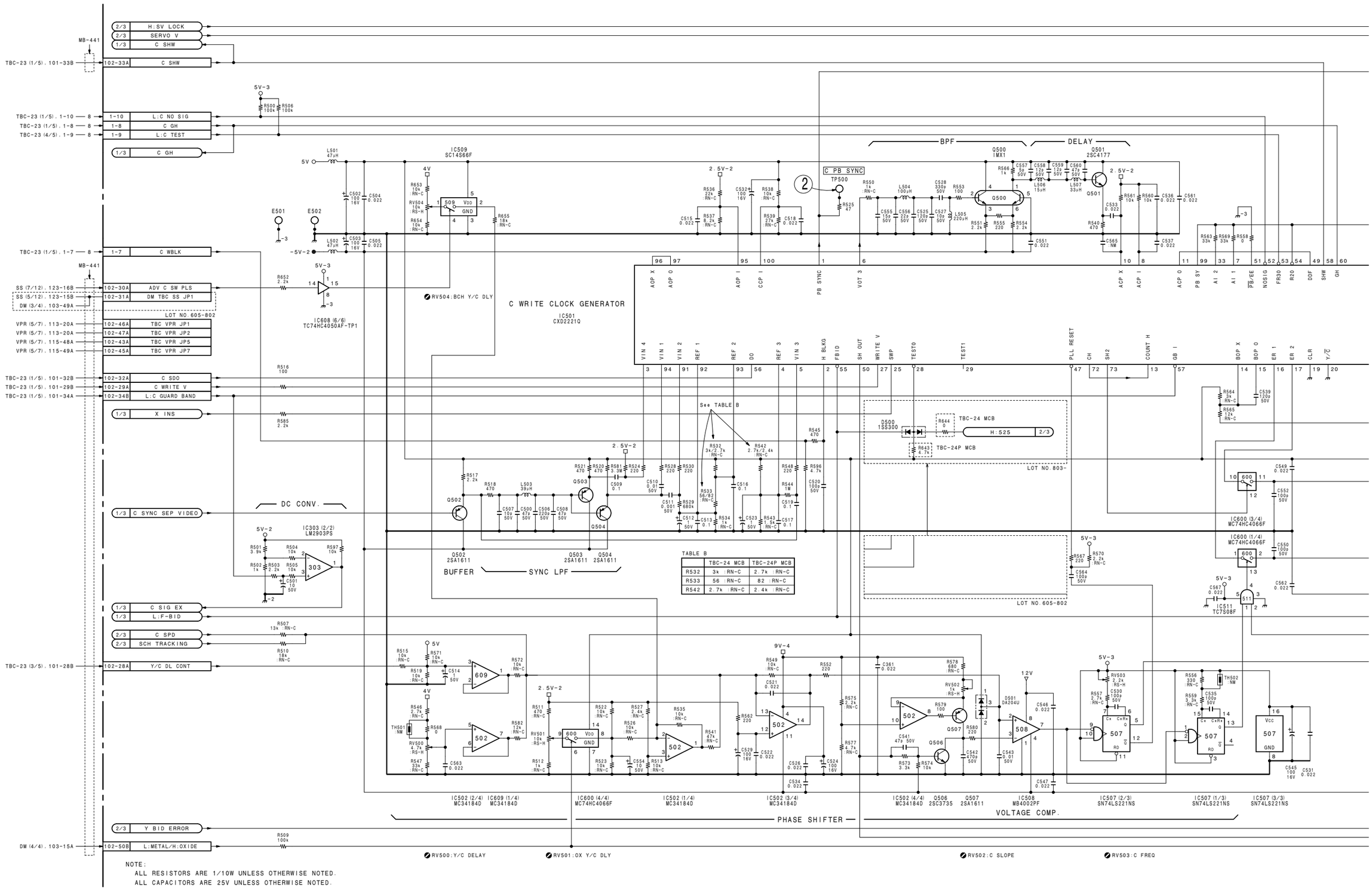
LOT NO.	BOARD NO.
605-802	1-648-542-15
803~	1-648-542-16

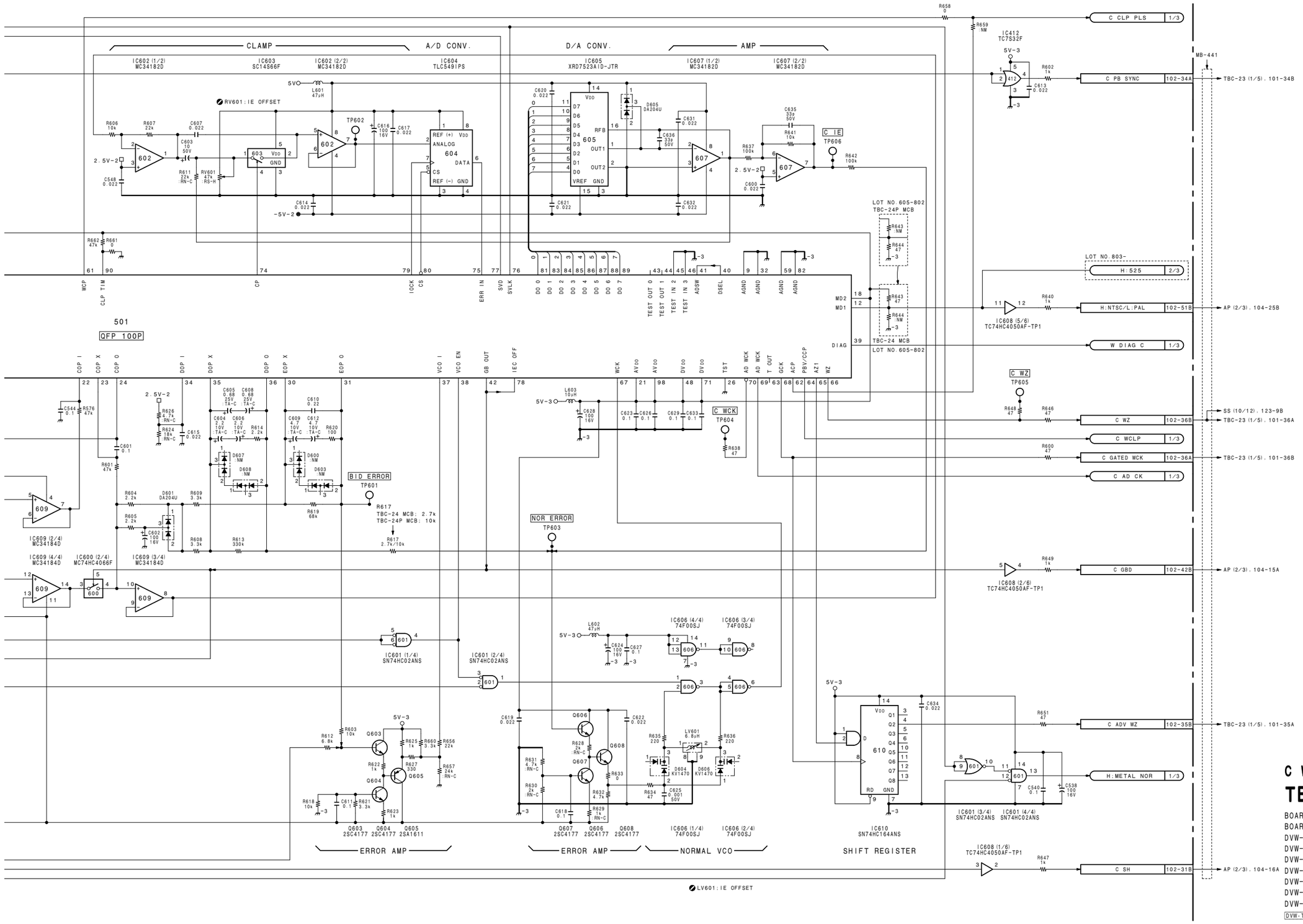
Y Write Clock Generator

TBC-24 BOARD (2/3)

BOARD NO. 1-648-542-15, 16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : TBC-24 MCB
DVW-A500P (EK) : TBC-24P MCB
DVW-A500P (UC) : TBC-24 MCB
DVW-A510 (J, UC) : TBC-24 MCB
DVW-A510P (EK) : TBC-24P MCB
DVW-CA510 (J, UC) : TBC-24 MCB
DVW-CA510P (EK) : TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-D


C WRITE CLOCK GENERATOR
IC501
CXD2221Q
PHASE SHIFTER
VOLTAGE COMP.
BUFFER
SYNC LPF
DC CONV.
BPF
DELAY
TBC-24 MCB
TBC-24P MCB
LOT NO.803-
LOT NO.605-802
LOT NO.605-802
See TABLE B
C PB SYNC
RV504:BCH Y/C DLY
RV500:Y/C DELAY
RV501:OX Y/C DLY
RV502:C SLOPE
RV503:C FREQ
IC608 (6/6) TC74HC4050AF-TP1
IC509 SC14S66F
IC303 (2/2) LM2903PS
IC502 (2/4) IC609 (1/4) MC34184D
IC600 (4/4) MC74HC4066F
IC502 (1/4) MC34184D
IC502 (3/4) MC34184D
IC502 (4/4) MC34184D
IC600 (3/4) MC74HC4066F
IC600 (1/4) MC74HC4066F
IC511 TC7S08F
IC507 (2/3) SN74LS221NS
IC507 (1/3) SN74LS221NS
IC507 (3/3) SN74LS221NS
Q500 IMX1
Q501 2SC4177
Q502 2SA1611
Q503 2SA1611
Q504 2SA1611
Q506 2SC3735
Q507 2SA1611
IC508 MB4002PF
D500 1SS300
D501 DA204U
TBC-23 (1/5), 101-33B
TBC-23 (1/5), 1-10 — 8
TBC-23 (1/5), 1-8 — 8
TBC-23 (4/5), 1-9 — 8
TBC-23 (1/5), 1-7 — 8
SS (7/12), 123-16B
SS (5/12), 123-15B
DM (3/4), 103-49A
VPR (5/7), 113-20A
VPR (5/7), 113-20A
VPR (5/7), 115-48A
VPR (5/7), 115-49A
TBC-23 (1/5), 101-32B
TBC-23 (1/5), 101-29B
TBC-23 (1/5), 101-34A
TBC-23 (3/5), 101-28B
DM (4/4), 103-15A
TBC-23 (4/5), 1-9 — 8
2/3 H:SV LOCK
2/3 SERVO V
1/3 C SHW
102-33A C SHW
1-10 L:C NO SIG
1-8 C GH
1-9 L:C TEST
1/3 C GH
1-7 C WBLK
102-30A ADV C SW PLS
102-31A DM TBC SS JP1
LOT NO.605-802
102-46A TBC VPR JP1
102-47A TBC VPR JP2
102-43A TBC VPR JP5
102-45A TBC VPR JP7
102-32A C SDO
102-29A C WRITE V
102-34B L:C GUARD BAND
1/3 X INS
1/3 C SYNC SEP VIDEO
1/3 C SIG EX
1/3 L:F-BID
2/3 C SPD
2/3 SCH TRACKING
102-28A Y/C DL CONT
2/3 Y BID ERROR
102-50B L:METAL/H:OXIDE
MB-441
E501
E502
TP500
TABLE B
TBC-24 MCB TBC-24P MCB
R532 3k :RN-C 2.7k :RN-C
R533 56 :RN-C 82 :RN-C
R542 2.7k :RN-C 2.4k :RN-C
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



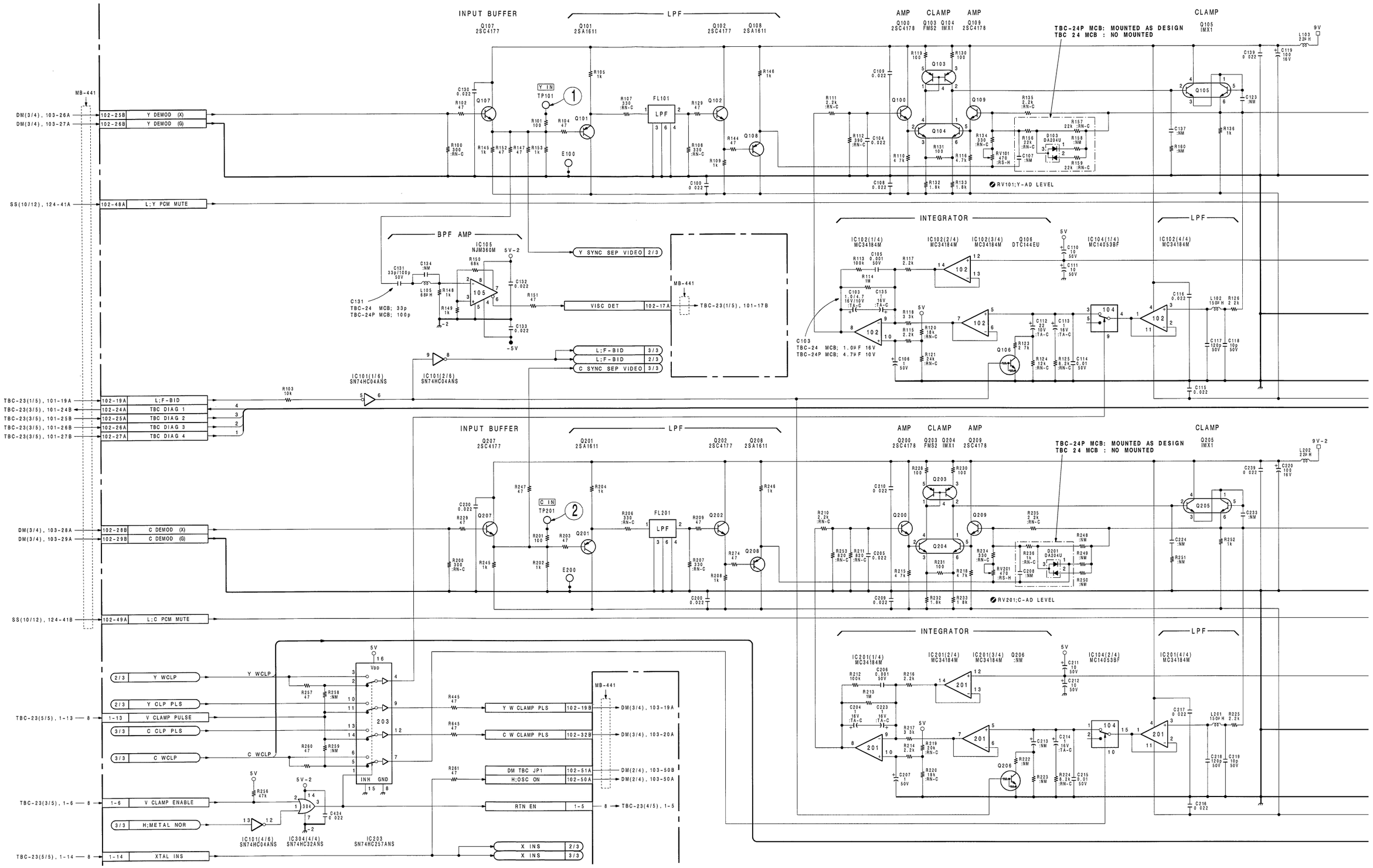
LOT NO.	BOARD NO.
605-802	1-648-542-15
803-	1-648-542-16

C Write Clock Generator

TBC-24 BOARD (3/3)

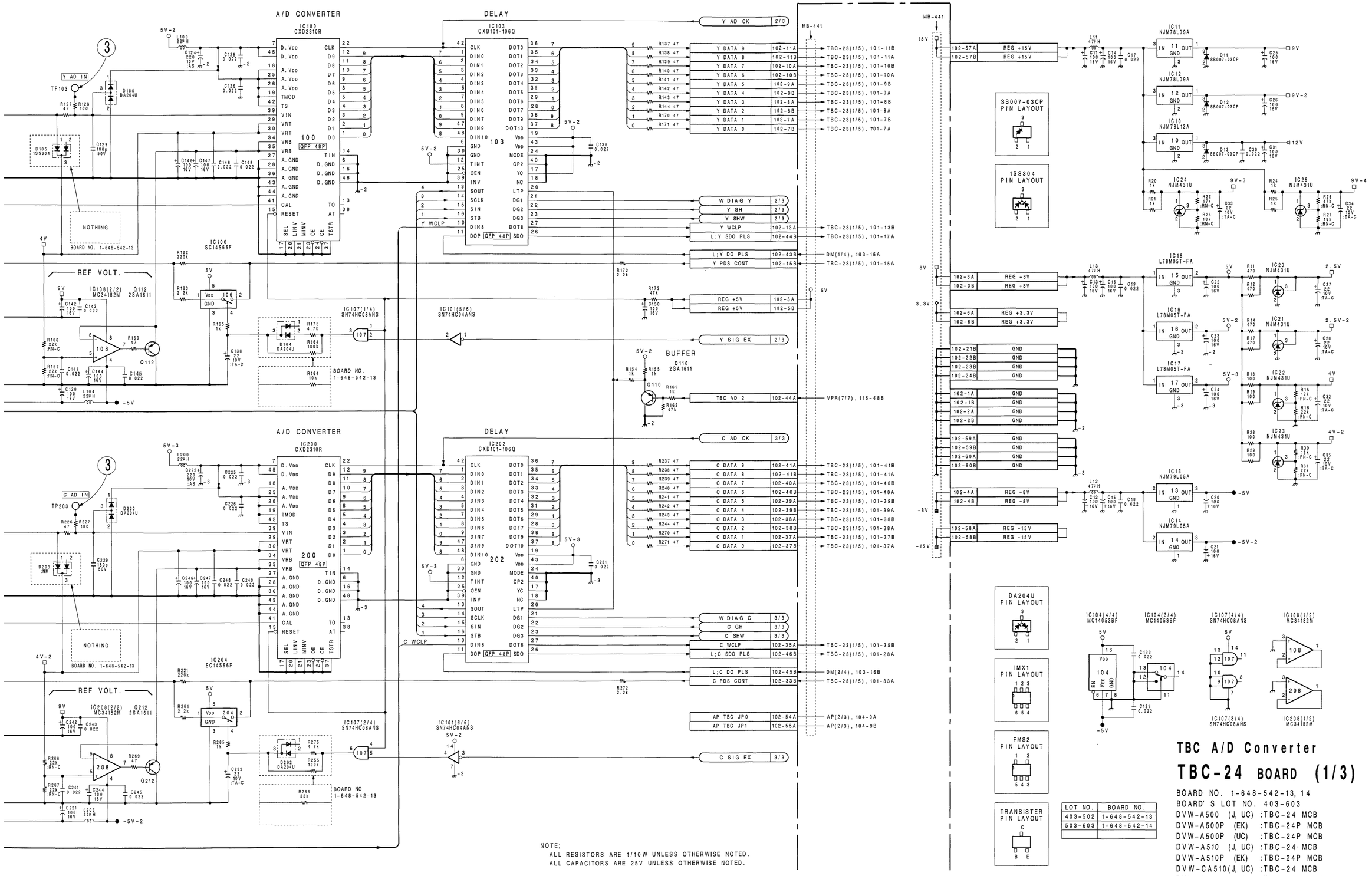
BOARD NO. 1-648-542-15, 16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : TBC-24 MCB
DVW-A500P (EK) : TBC-24P MCB
DVW-A500P (UC) : TBC-24P MCB
DVW-A510 (J, UC) : TBC-24 MCB
DVW-A510P (EK) : TBC-24P MCB
DVW-CA510 (J, UC) : TBC-24 MCB
DVW-CA510P (EK) : TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-D



1-100 (c) 1-100 (c)

DVW-A500P/500P



NOTE;
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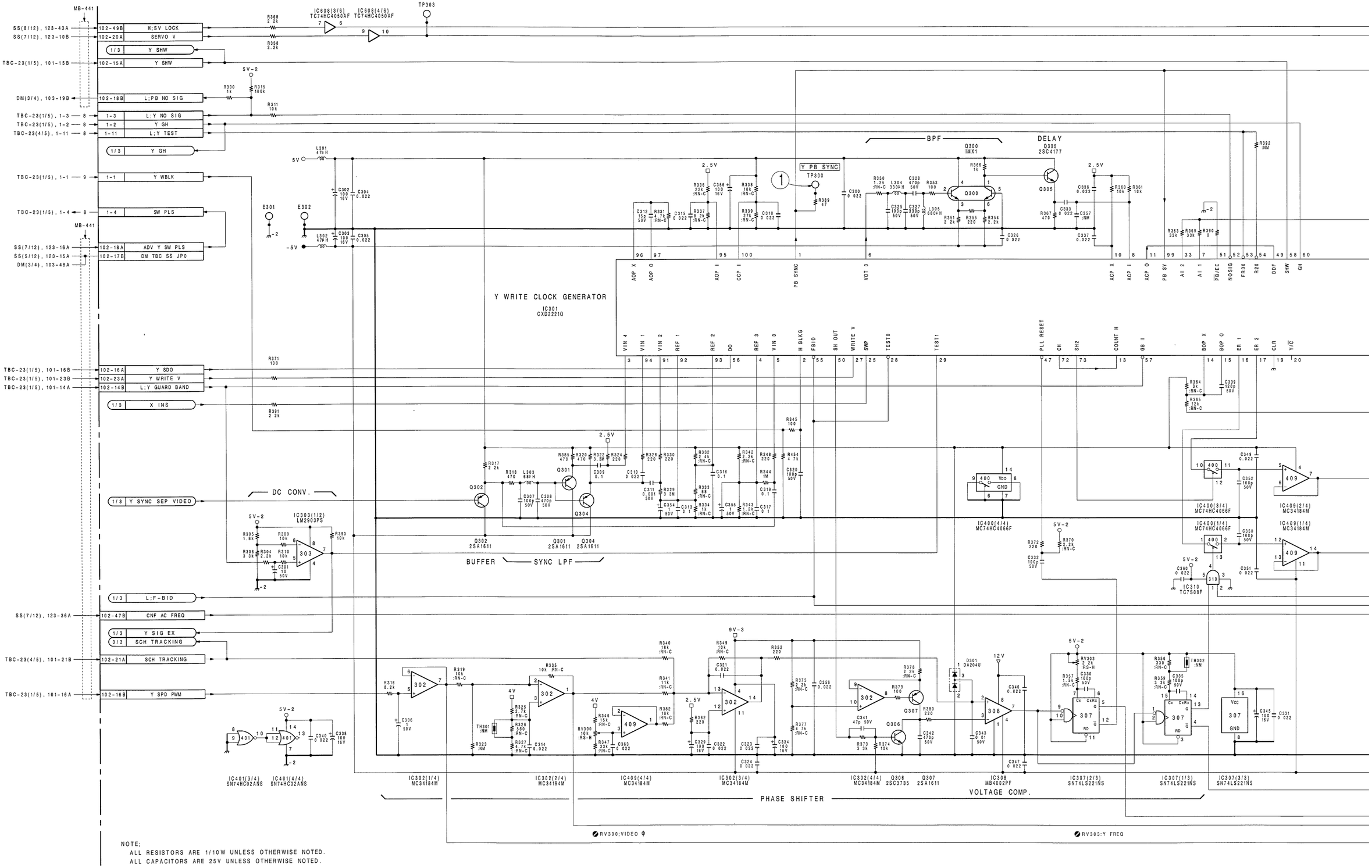
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



NOTE;
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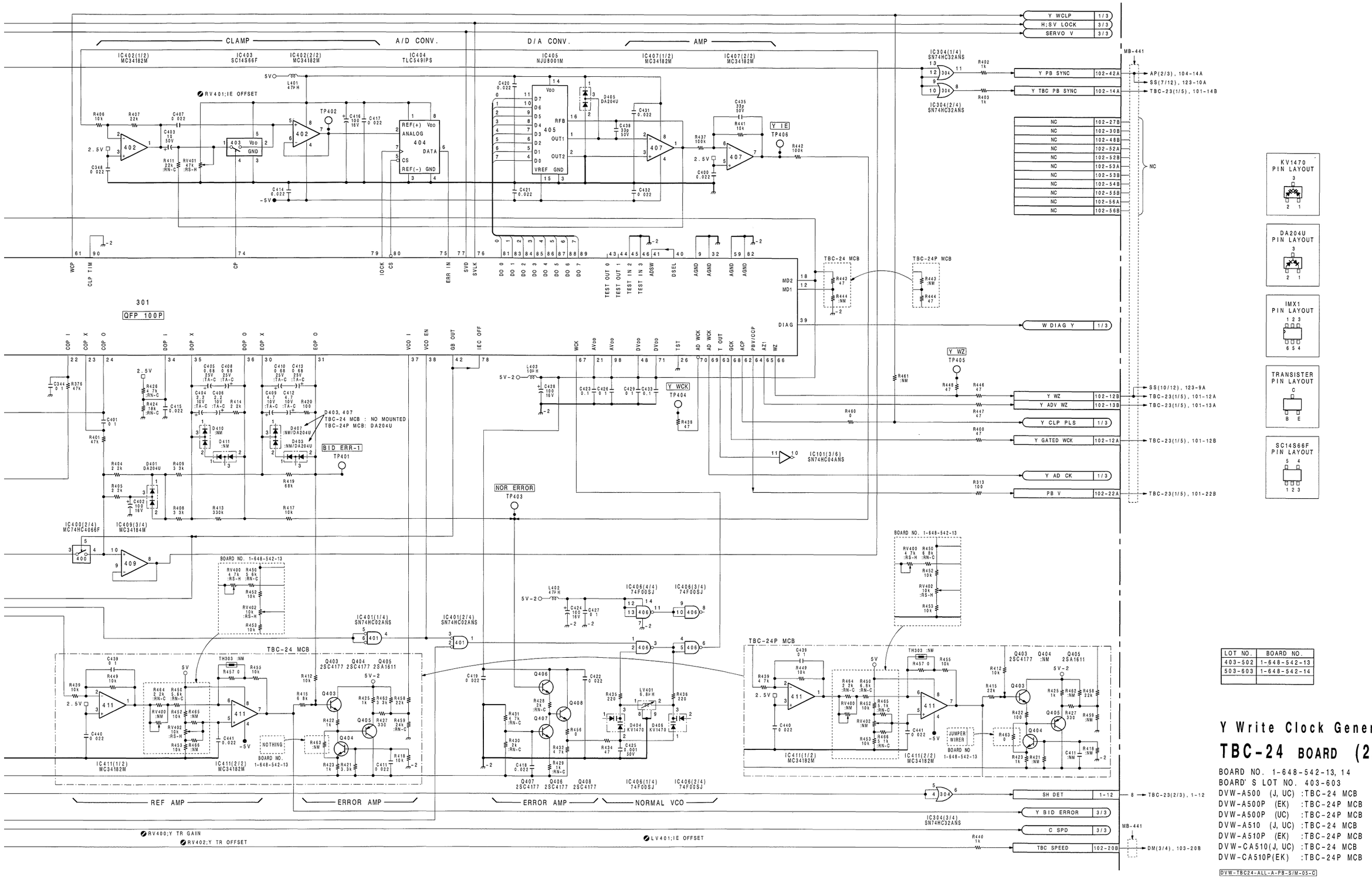
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



KV1470 PIN LAYOUT

DA204U PIN LAYOUT

IMX1 PIN LAYOUT

TRANSISTER PIN LAYOUT

SC14S66F PIN LAYOUT

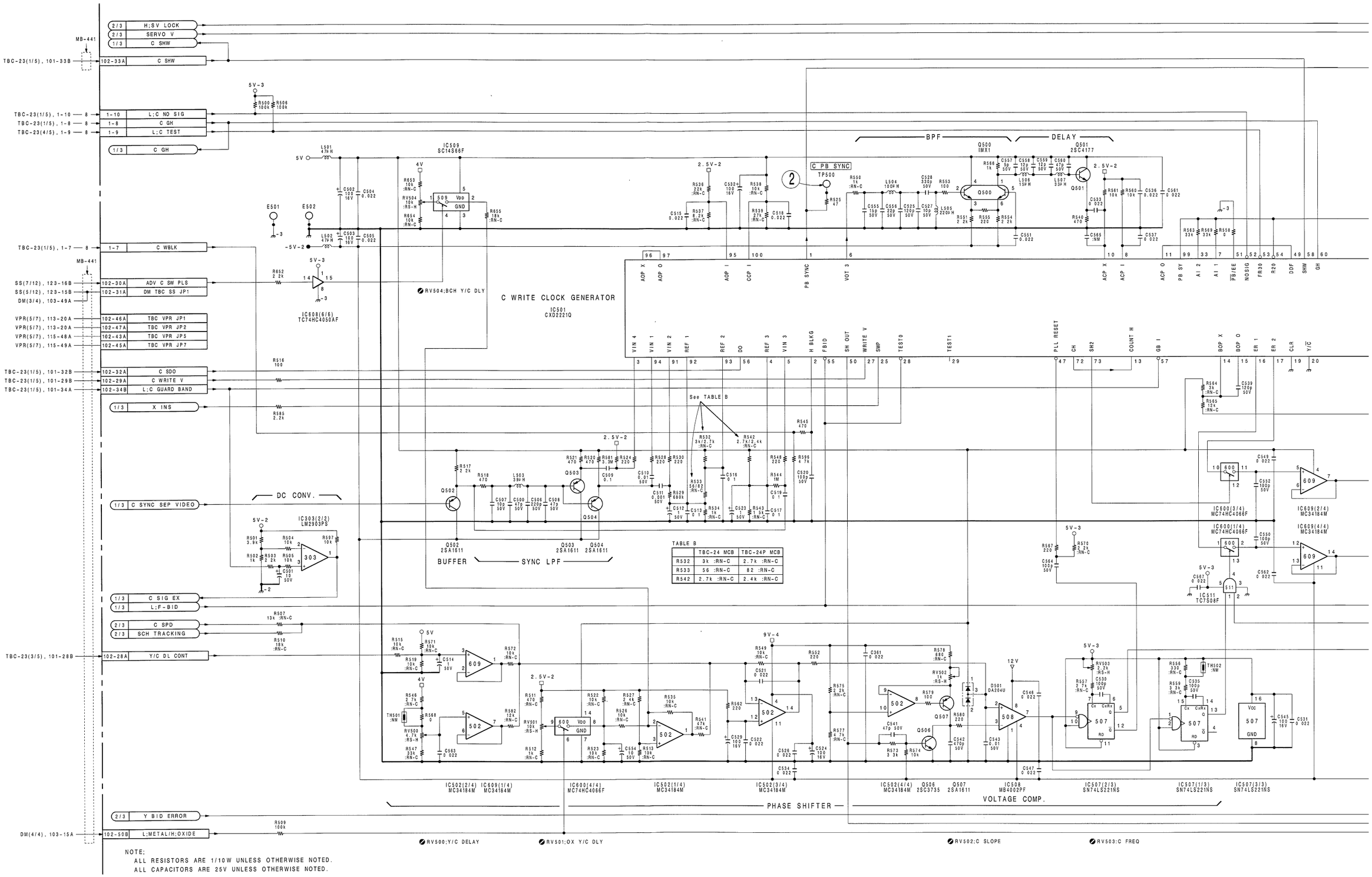
LOT NO.	BOARD NO.
403-502	1-648-542-13
503-603	1-648-542-14

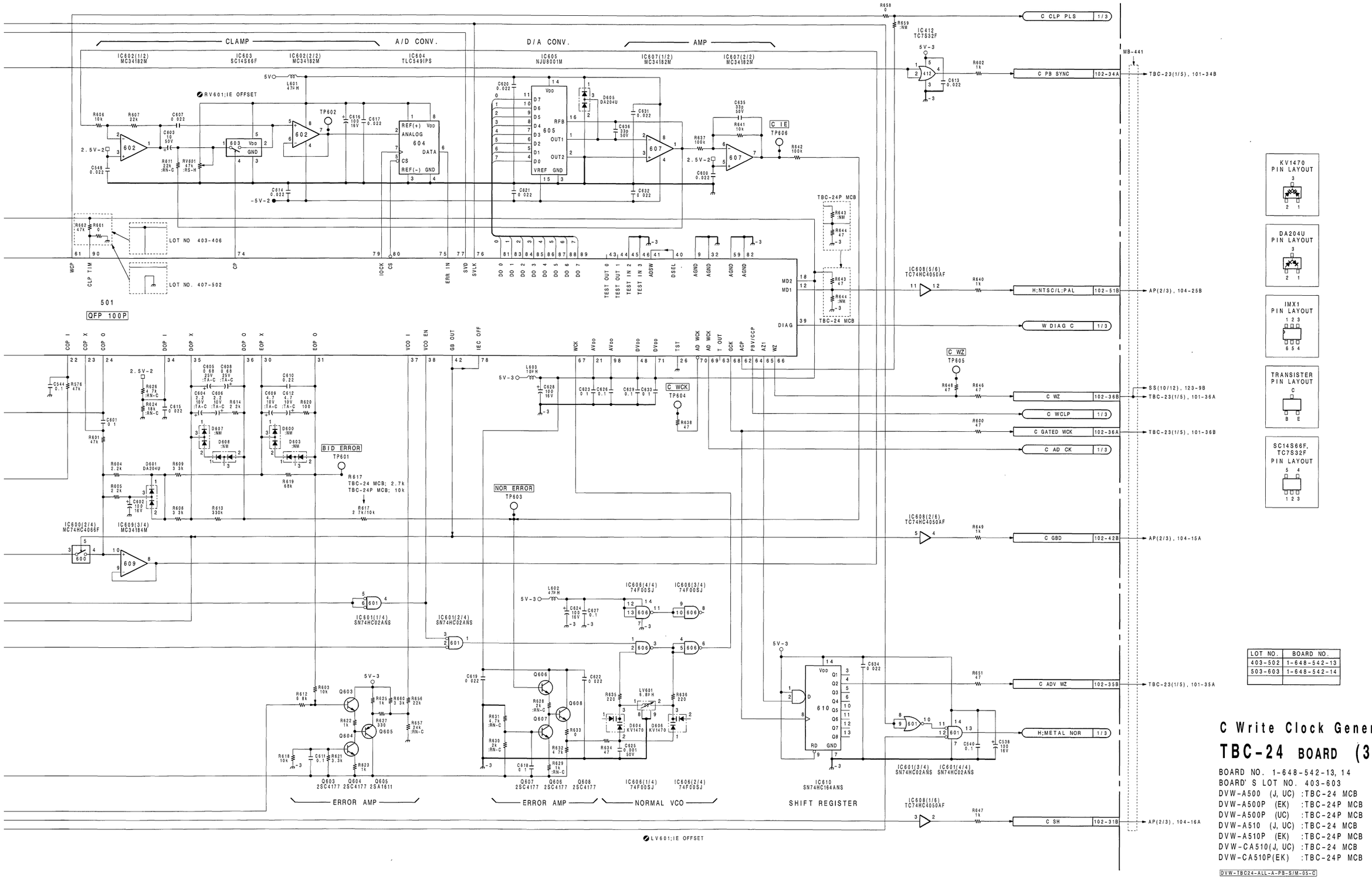
Y Write Clock Generator

TBC-24 BOARD (2/3)

BOARD NO. 1-648-542-13, 14
BOARD' S LOT NO. 403-603
DVW-A500 (J, UC) :TBC-24 MCB
DVW-A500P (EK) :TBC-24P MCB
DVW-A500P (UC) :TBC-24P MCB
DVW-A510 (J, UC) :TBC-24 MCB
DVW-A510P (EK) :TBC-24P MCB
DVW-CA510(J, UC) :TBC-24 MCB
DVW-CA510P(EK) :TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-C


C WRITE CLOCK GENERATOR
IC501
CXD2221Q
C PB SYNC
TP500
BPF
DELAY
Q500 IMX1
Q501 2SC4177
Q500
Q501
IC509 SC14566F
RV504;BCH Y/C DLY
IC608(6/6) TC74HC4050AF
See TABLE B
TABLE B
TBC-24 MCB
TBC-24P MCB
R532 3k :RN-C 2.7k :RN-C
R533 56 :RN-C 82 :RN-C
R542 2.7k :RN-C 2.4k :RN-C
DC CONV.
IC303(2/2) LM2903PS
BUFFER
SYNC LPF
Q502 2SA1611
Q503 2SA1611
Q504 2SA1611
PHASE SHIFTER
VOLTAGE COMP.
IC502(2/4) MC34184M
IC609(1/4) MC34184M
IC600(4/4) MC74HC4066F
IC502(1/4) MC34184M
IC502(3/4) MC34184M
IC502(4/4) MC34184M
Q506 2SC3735
Q507 2SA1611
IC508 MB4002PF
IC507(2/3) SN74LS221NS
IC507(1/3) SN74LS221NS
IC507(3/3) SN74LS221NS
IC600(3/4) MC74HC4066F
IC609(2/4) MC34184M
IC600(1/4) MC74HC4066F
IC609(4/4) MC34184M
IC511 TC7S08F
RV500;Y/C DELAY
RV501;OX Y/C DLY
RV502;C SLOPE
RV503;C FREQ
MB-441
TBC-23(1/5), 101-33B
TBC-23(1/5), 1-10
TBC-23(1/5), 1-8
TBC-23(4/5), 1-9
TBC-23(1/5), 1-7
SS(7/12), 123-16B
SS(5/12), 123-15B
DM(3/4), 103-49A
VPR(5/7), 113-20A
VPR(5/7), 113-20A
VPR(5/7), 115-48A
VPR(5/7), 115-49A
TBC-23(1/5), 101-32B
TBC-23(1/5), 101-29B
TBC-23(1/5), 101-34A
TBC-23(3/5), 101-28B
DM(4/4), 103-15A
2/3 H;SV LOCK
2/3 SERVO V
1/3 C SHW
102-33A C SHW
1-10 L;C NO SIG
1-8 C GH
1-9 L;C TEST
1/3 C GH
1-7 C WBLK
102-30A ADV C SW PLS
102-31A DM TBC SS JP1
102-46A TBC VPR JP1
102-47A TBC VPR JP2
102-43A TBC VPR JP5
102-45A TBC VPR JP7
102-32A C SDO
102-29A C WRITE V
102-34B L;C GUARD BAND
1/3 X INS
1/3 C SYNC SEP VIDEO
1/3 C SIG EX
1/3 L;F-BID
2/3 C SPD
2/3 SCH TRACKING
102-28A Y/C DL CONT
2/3 Y BID ERROR
102-50B L;METAL/H;OXIDE
AOP X
AOP O
AOP I
CCP I
PB SYNC
VOT 3
ACP X
ACP I
ACP O
PB SY
AI 2
AI 1
PB/EE
NOSIG
FR30
R20
DDF
SHW
GH
VIN 4
VIN 1
VIN 2
REF 1
REF 2
DO
REF 3
VIN 3
H BLKG
FBID
SH OUT
WRITE V
SWP
TEST0
TEST1
PLL RESET
CH
SH2
COUNT H
GB I
BOP X
BOP O
ER 1
ER 2
CLR
Y/C
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



KV1470 PIN LAYOUT

DA204U PIN LAYOUT

IMX1 PIN LAYOUT

TRANSISTER PIN LAYOUT

SC14S66F, TC7S32F PIN LAYOUT

LOT NO.	BOARD NO.
403-502	1-648-542-13
503-603	1-648-542-14

C Write Clock Generator

TBC-24 BOARD (3/3)

BOARD NO. 1-648-542-13, 14
BOARD' S LOT NO. 403-603
DVW-A500 (J, UC) :TBC-24 MCB
DVW-A500P (EK) :TBC-24P MCB
DVW-A500P (UC) :TBC-24 MCB
DVW-A510 (J, UC) :TBC-24 MCB
DVW-A510P (EK) :TBC-24P MCB
DVW-CA510(J, UC) :TBC-24 MCB
DVW-CA510P(EK) :TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-C

I J K L M N O P

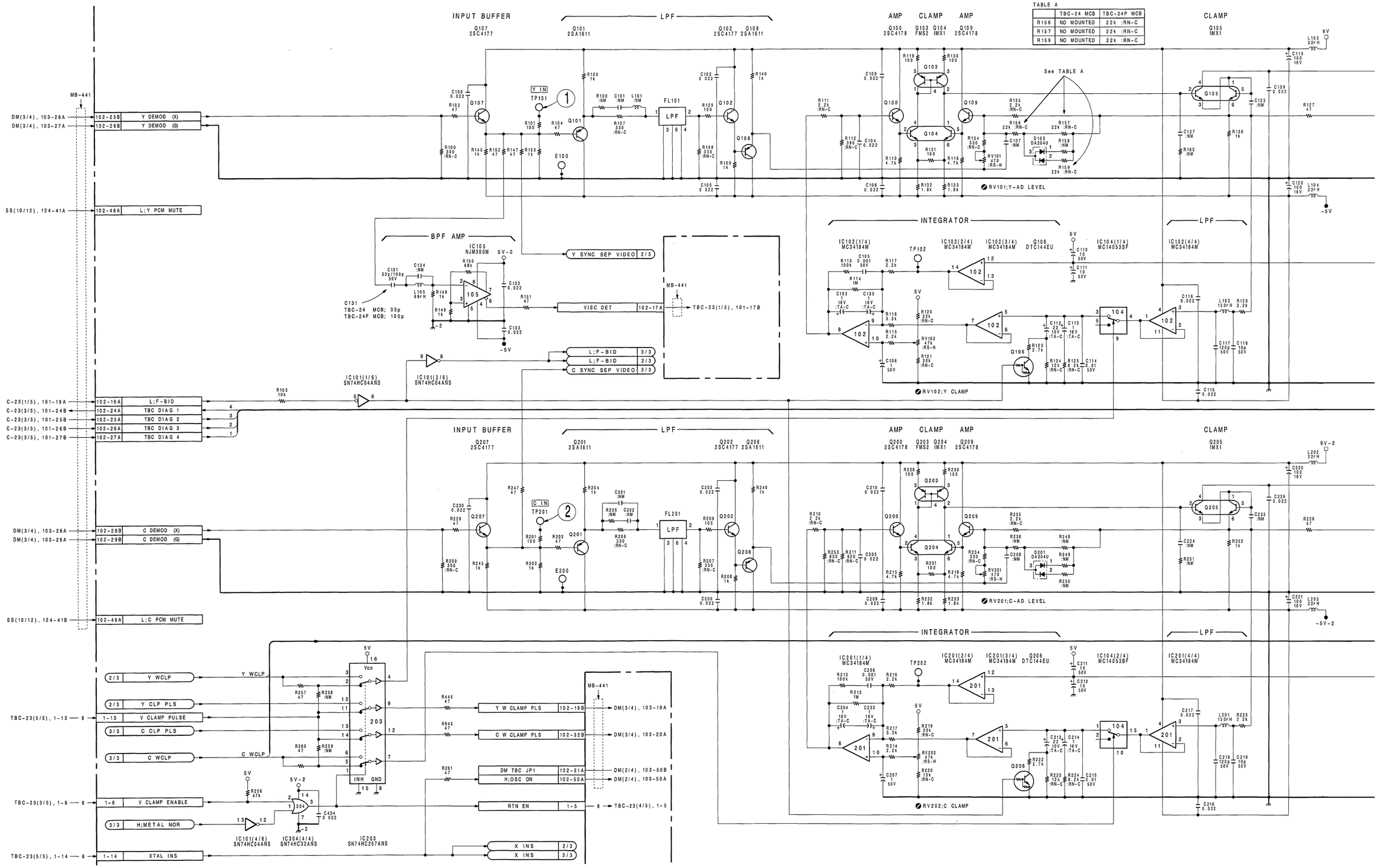
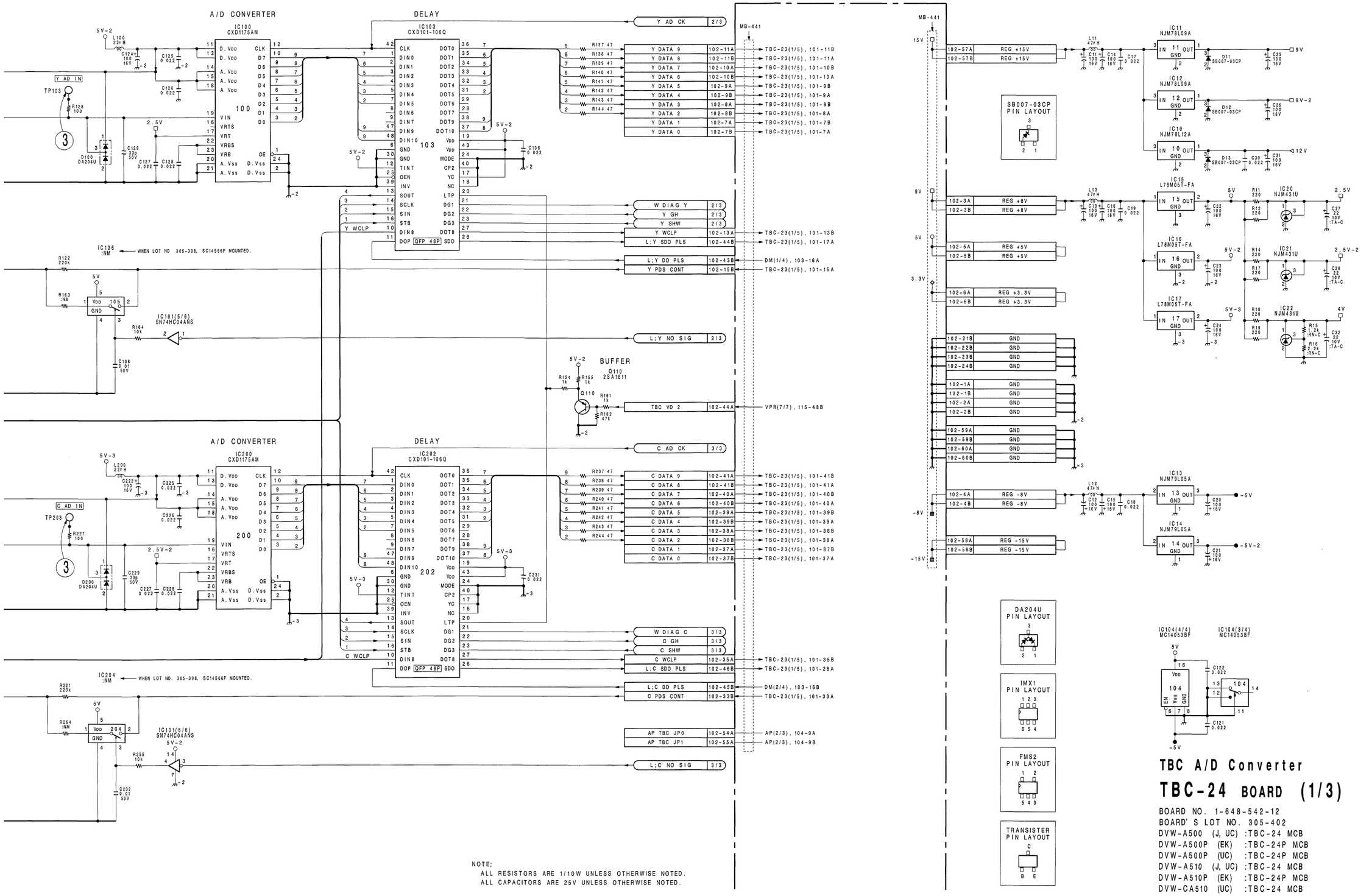


TABLE A

	TBC-24 MCB	TBC-24P MCB
R156	NO MOUNTED	22k :RN-C
R157	NO MOUNTED	22k :RN-C
R159	NO MOUNTED	22k :RN-C

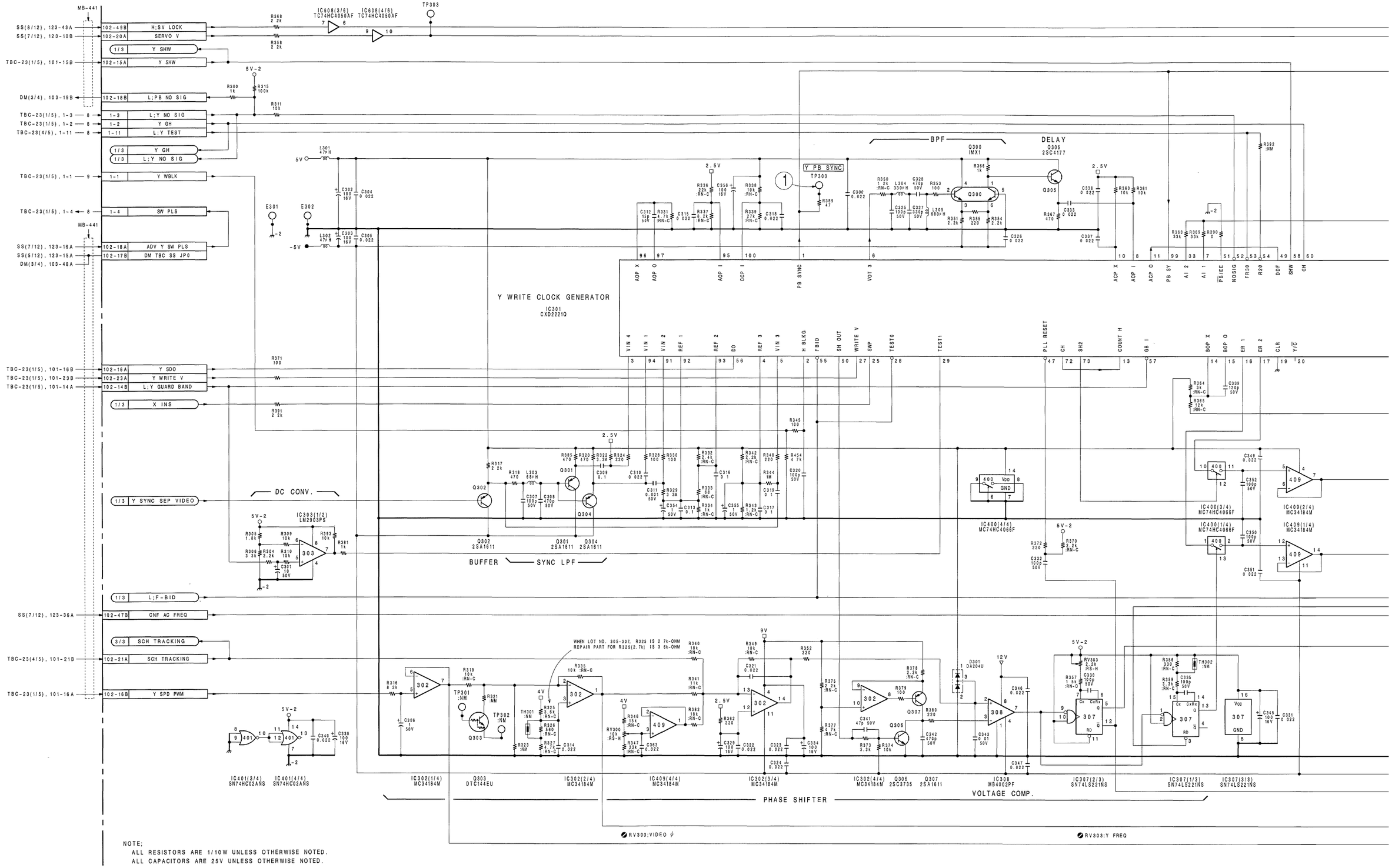


TBC A/D Converter

TBC-24 BOARD (1/3)

BOARD NO. 1-648-542-12
BOARD' S LOT NO. 305-402
DVW-A500 (J, UC) :TBC-24 MCB
DVW-A500P (EK) :TBC-24P MCB
DVW-A500P (UC) :TBC-24P MCB
DVW-A510 (J, UC) :TBC-24 MCB
DVW-A510P (EK) :TBC-24P MCB
DVW-CA510 (UC) :TBC-24 MCB
DVW-CA510P(EK) :TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-B



NOTE;
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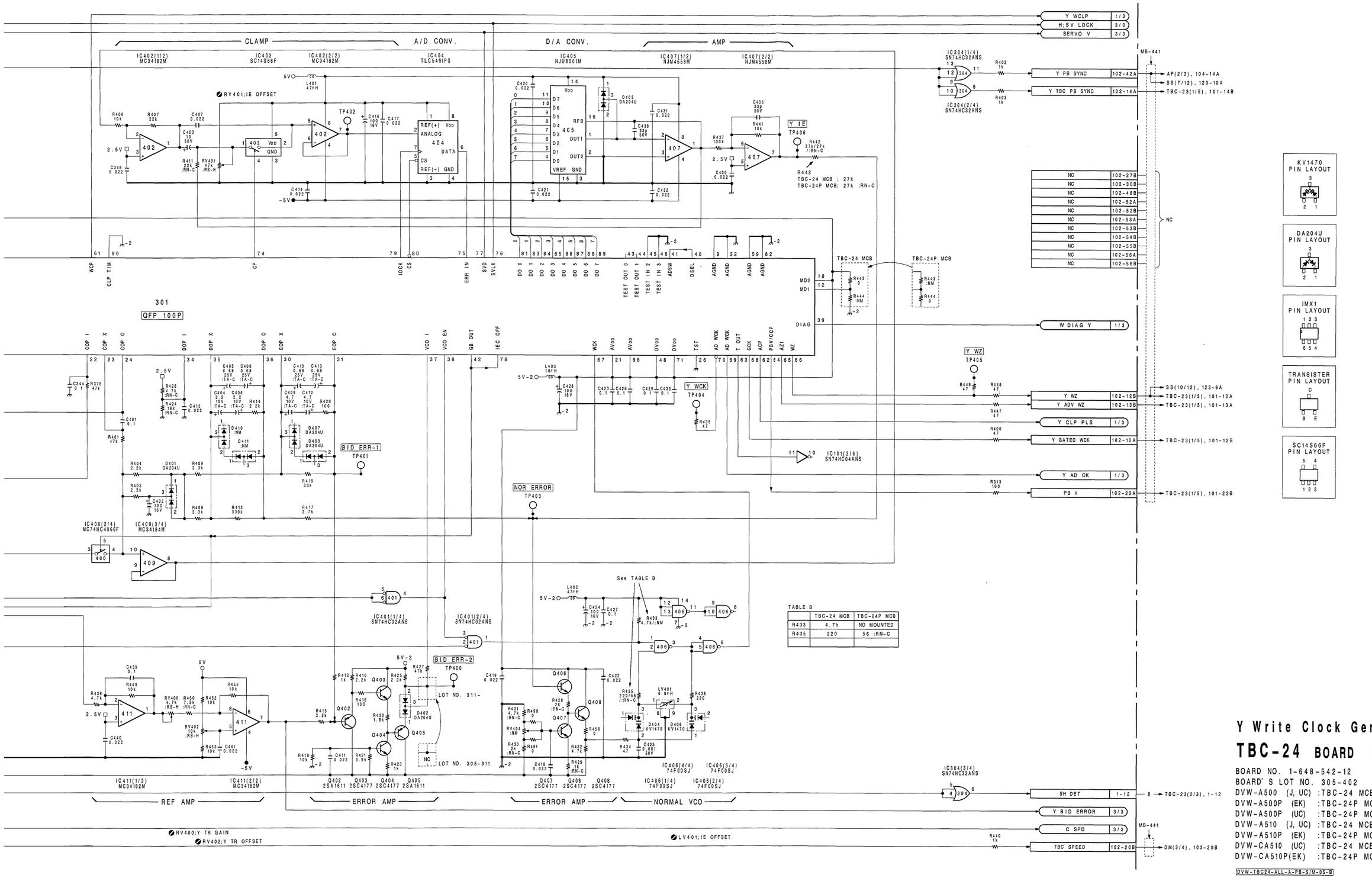
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

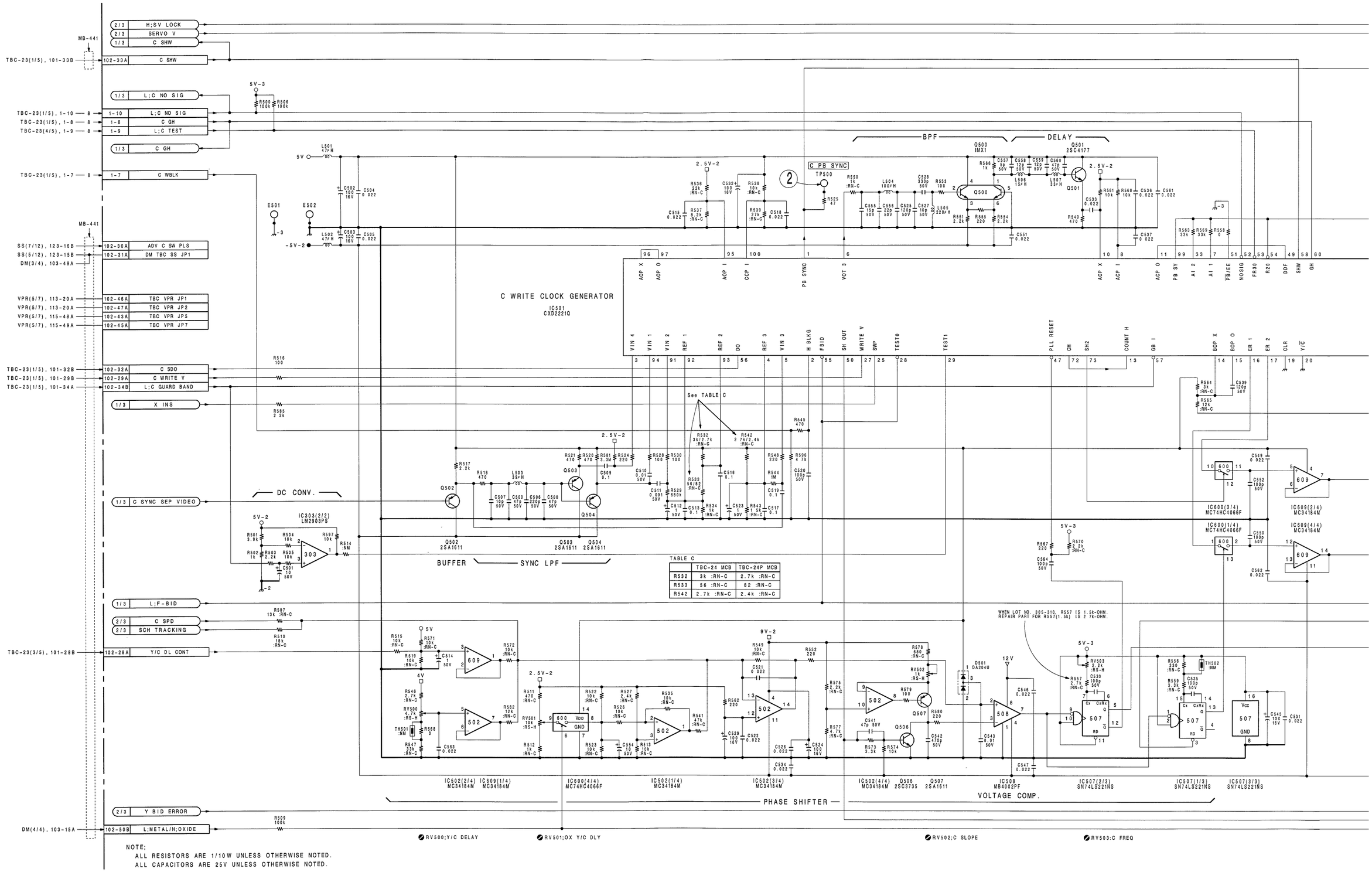


Y Write Clock Generator

TBC-24 BOARD (2/3)

BOARD NO. 1-648-542-12
BOARD' S LOT NO. 305-402
DVW-A500 (J, UC) :TBC-24 MCB
DVW-A500P (EK) :TBC-24P MCB
DVW-A500P (UC) :TBC-24P MCB
DVW-A510 (J, UC) :TBC-24 MCB
DVW-A510P (EK) :TBC-24P MCB
DVW-CA510 (UC) :TBC-24 MCB
DVW-CA510P(EK) :TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-B


2/3 H;SV LOCK
2/3 SERVO V
1/3 C SHW
MB-441
TBC-23(1/5), 101-33B
102-33A C SHW
1/3 L;C NO SIG
5V-3
R500 100k
R506 100k
TBC-23(1/5), 1-10 — 8
1-10 L;C NO SIG
TBC-23(1/5), 1-8 — 8
1-8 C GH
TBC-23(4/5), 1-9 — 8
1-9 L;C TEST
1/3 C GH
TBC-23(1/5), 1-7 — 8
1-7 C WBLK
L501 47µH
5V
C502 100 16V
C504 0.022
E501
E502
-3
-5V-2
L502 47µH
C503 100 16V
C505 0.022
MB-441
SS(7/12), 123-16B
SS(5/12), 123-15B
DM(3/4), 103-49A
102-30A ADV C SW PLS
102-31A DM TBC SS JP1
VPR(5/7), 113-20A
VPR(5/7), 113-20A
VPR(5/7), 115-48A
VPR(5/7), 115-49A
102-46A TBC VPR JP1
102-47A TBC VPR JP2
102-43A TBC VPR JP5
102-45A TBC VPR JP7
TBC-23(1/5), 101-32B
TBC-23(1/5), 101-29B
TBC-23(1/5), 101-34A
102-32A C SDO
102-29A C WRITE V
102-34B L;C GUARD BAND
R516 100
1/3 X INS
R585 2.2k
DC CONV.
1/3 C SYNC SEP VIDEO
5V-2
IC303(2/2) LM2903PS
R501 3.9k
R504 10k
R597 10k
R502 1k
R503 2.2k
R505 10k
C501 10 50V
303
R514 :NM
-2
1/3 L;F-BID
2/3 C SPD
2/3 SCH TRACKING
R507 13k :RN-C
R510 18k :RN-C
TBC-23(3/5), 101-28B
102-28A Y/C DL CONT
2/3 Y BID ERROR
DM(4/4), 103-15A
102-50B L;METAL/H;OXIDE
R509 100k
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
C WRITE CLOCK GENERATOR
IC501
CXD2221Q
BPF
DELAY
Q500 IMX1
Q501 2SC4177
C PB SYNC
TP500
2.5V-2
R536 22k :RN-C
C532 100 16V
R538 10k :RN-C
C515 0.022
R537 8.2k :RN-C
R539 27k :RN-C
C518 0.022
R525 47
R550 1k :RN-C
L504 100µH
C528 330p 50V
R553 100
C555 15p 50V
C556 220 50V
C525 120p 50V
C527 10p 50V
L505 220µH
R551 2.2k
R555 220
R554 2.2k
C551 0.022
R560 1k
C557 5p 50V
C558 12p 50V
C559 12p 50V
C560 470 50V
L506 15µH
L507 33µH
R540 470
C533 0.022
R561 10k
R580 10k
C536 0.022
C581 0.022
C537 0.022
R563 33k
R569 33k
R558 0
AOP X
AOP O
AOP I
CCP I
PB SYNC
VOT 3
ACP X
ACP I
ACP O
PB SY
AI 2
AI 1
PB/EE
NOSIG
FR30
R20
DDF
SHW
GH
VIN 4
VIN 1
VIN 2
REF 1
REF 2
DO
REF 3
VIN 3
H BLKG
FBID
SH OUT
WRITE V
SWP
TEST0
TEST1
PLL RESET
CH
SH2
COUNT H
GB I
BOP X
BOP O
ER 1
ER 2
CLR
Y/C
See TABLE C
R532 3k/2.7k :RN-C
R542 2.7k/2.4k :RN-C
R545 470
R564 3k :RN-C
R565 12k :RN-C
C539 120p 50V
R517 2.2k
R518 470
L503 39nH
C507 10p 50V
C500 47p 50V
C506 220p 50V
C508 470 50V
Q502
Q503
Q504
R521 470
R520 470
R581 3.3M
R524 220
C509 0.1
C510 0.01 50V
C511 0.001 50V
R528 100
R530 100
R529 680k
C512 50V
C513 0.1
R534 1k :RN-C
R533 56/82 :RN-C
C516 0.1
C523 50V
R543 1k :RN-C
C517 0.1
R548 220
R544 1M
C519 0.1
R596 4.7k
C520 100p 50V
2SA1611
BUFFER
SYNC LPF
TABLE C
TBC-24 MCB
TBC-24P MCB
R532 3k :RN-C 2.7k :RN-C
R533 56 :RN-C 82 :RN-C
R542 2.7k :RN-C 2.4k :RN-C
C549 0.022
C552 100p 50V
IC600(3/4) MC74HC4066F
IC609(2/4) MC34184M
IC600(1/4) MC74HC4066F
IC609(4/4) MC34184M
R567 220
R570 2.2k :RN-C
C564 100 50V
C550 100p 50V
C562 0.022
WHEN LOT NO. 305-310, R557 IS 1.5k-OHM.
REPAIR PART FOR R557(1.5k) IS 2.7k-OHM.
5V
4V
9V-2
R515 10k :RN-C
R571 10k :RN-C
R519 10k :RN-C
C514 1 50V
R572 10k :RN-C
R546 2.7k :RN-C
RV500 4.7k :RS-H
TH501 :NM
R568 0
R547 33k :RN-C
C563 0.022
R582 12k :RN-C
R511 470 :RN-C
R501 15k :RS-H
R512 1k :RN-C
R522 10k :RN-C
R527 2.4k :RN-C
R526 10k :RN-C
R523 10k :RN-C
C554 10 50V
R535 10k :RN-C
R513 10k :RN-C
R541 47k :RN-C
R549 10k :RN-C
C521 0.022
R552 220
R562 220
C529 10 16V
C522 0.022
R575 2.2k :RN-C
R577 4.7k :RN-C
C526 0.022
C524 100 16V
C534 0.022
R578 680 :RN-C
RV502 1k :RS-H
R579 100
Q507
R580 220
C541 47p 50V
Q506
R573 3.3k
R574 10k
C542 470p 50V
C543 0.01 50V
C547 0.022
DS01 DA204U
12V
C546 0.022
RV503 2.2k :RS-H
R557 2.7k :RN-C
C530 100p 50V
R556 330 :RN-C
TH502 :NM
R559 3.3k :RN-C
C535 100p 50V
C545 100 16V
C531 0.022
IC502(2/4) MC34184M
IC609(1/4) MC34184M
IC600(4/4) MC74HC4066F
IC502(1/4) MC34184M
IC502(3/4) MC34184M
IC502(4/4) MC34184M
Q506 2SC3735
Q507 2SA1611
IC508 MB4002PF
IC507(2/3) SN74LS221NS
IC507(1/3) SN74LS221NS
IC507(3/3) SN74LS221NS
PHASE SHIFTER
VOLTAGE COMP.
RV500;Y/C DELAY
RV501;OX Y/C DLY
RV502;C SLOPE
RV503;C FREQ

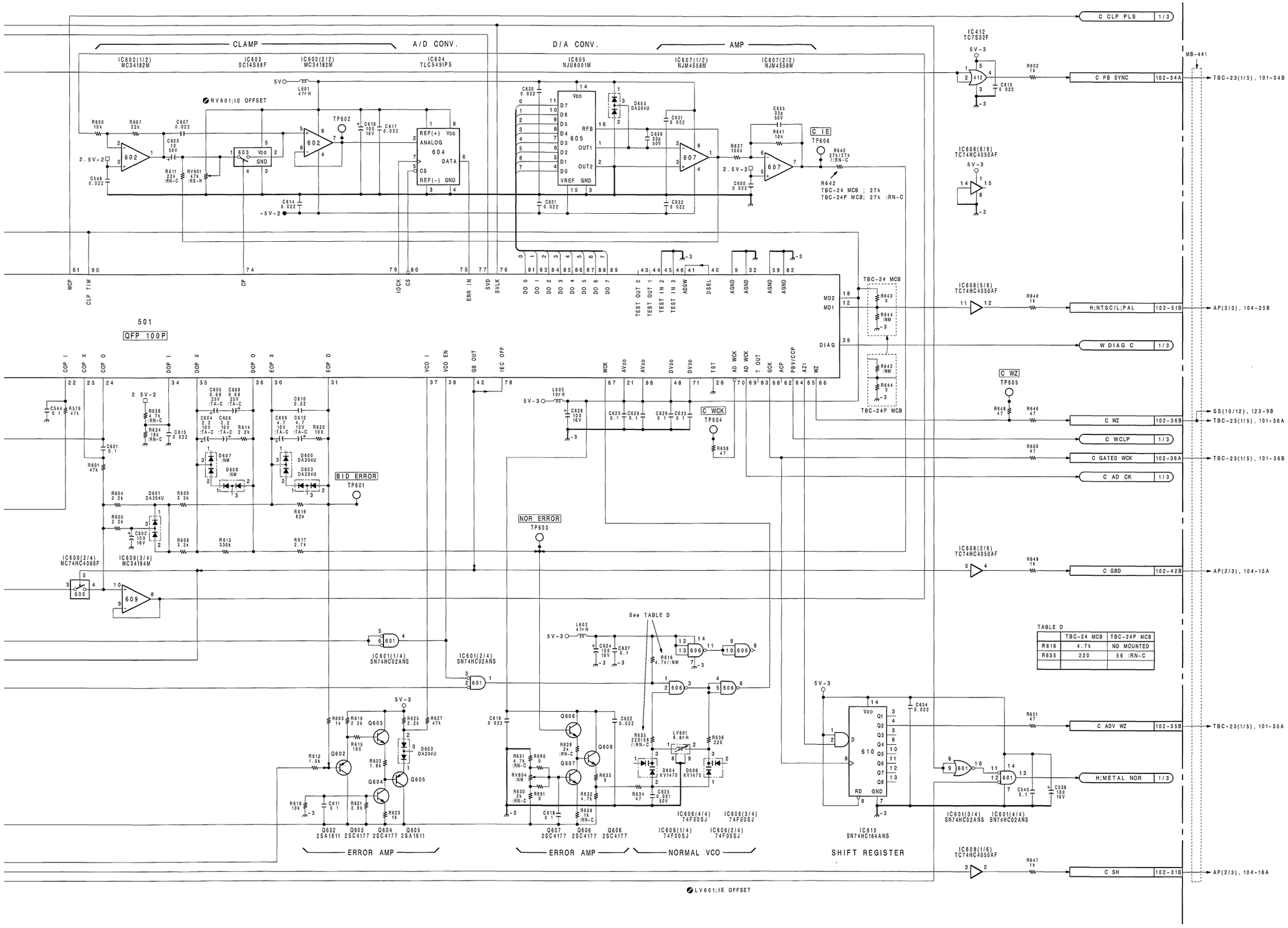


TABLE D

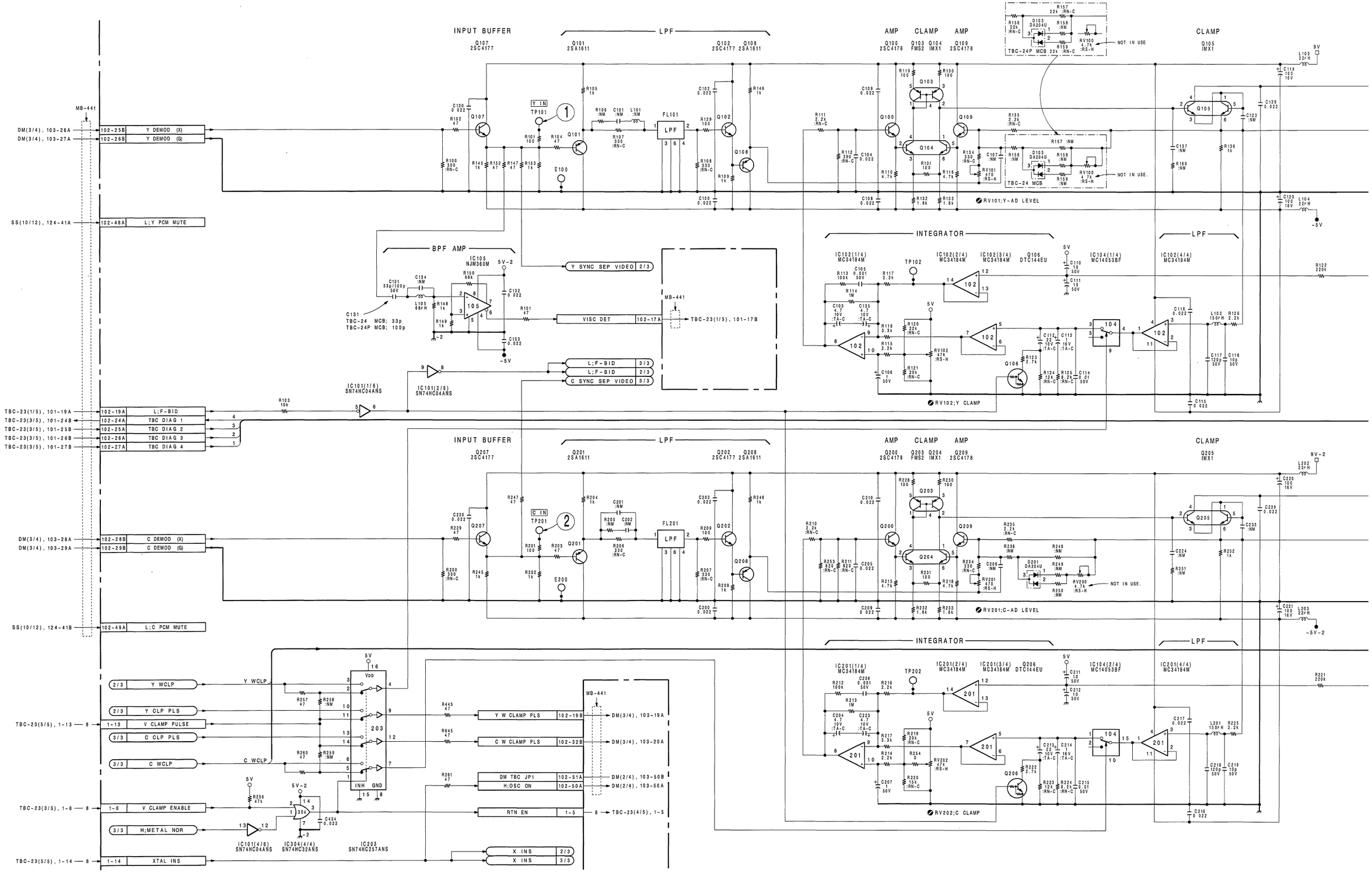
	TBC-24 MCB	TBC-24P MCB
R616	4.7k	NO MOUNTED
R635	220	56 :RN-C

C Write Clock Generator

TBC-24 BOARD (3/3)

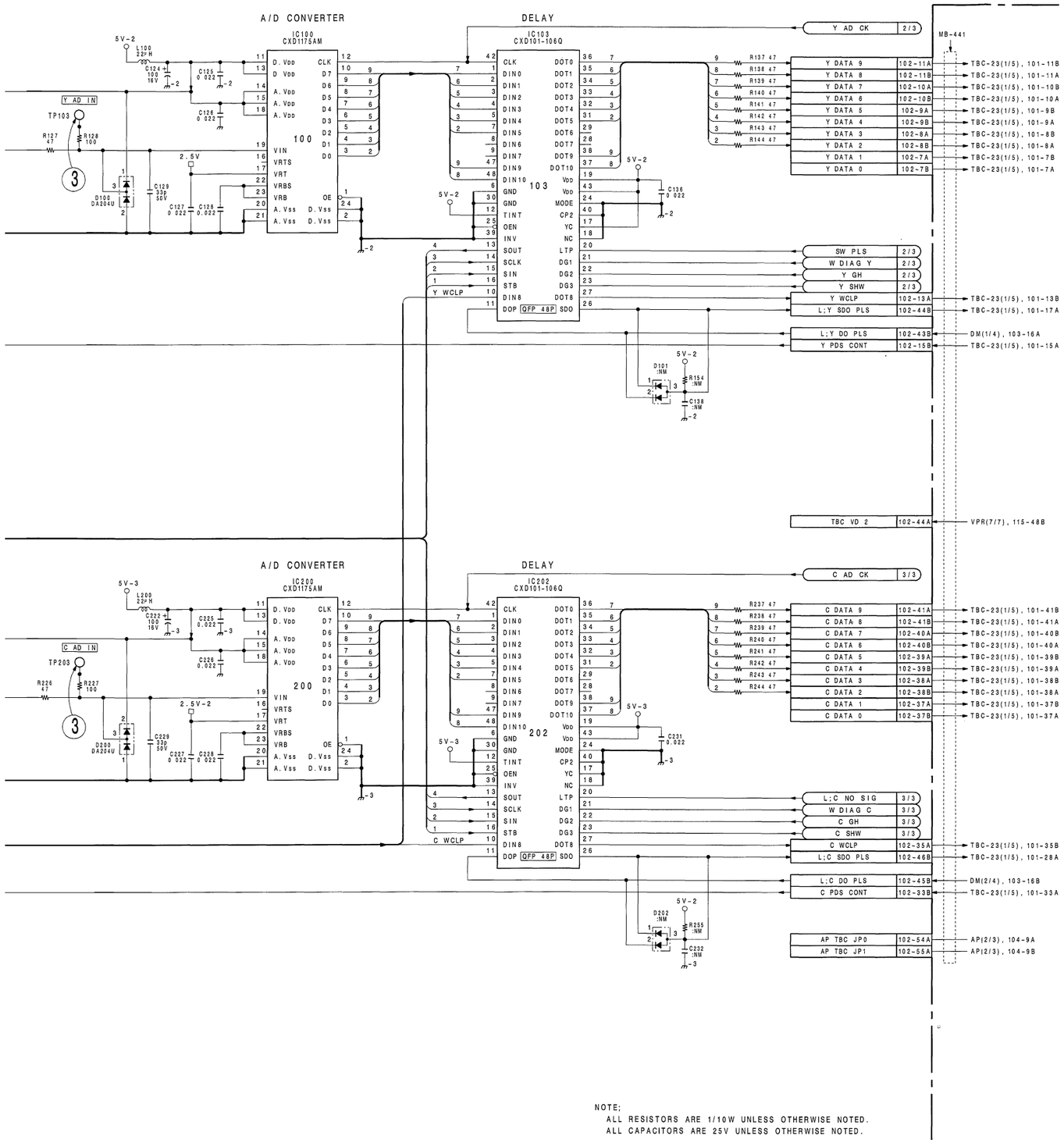
BOARD NO. 1-648-542-12
BOARD' S LOT NO. 305-402
DVW-A500 (J, UC) :TBC-24 MCB
DVW-A500P (EK) :TBC-24P MCB
DVW-A500P (UC) :TBC-24P MCB
DVW-A510 (J, UC) :TBC-24 MCB
DVW-A510P (EK) :TBC-24P MCB
DVW-CA510 (UC) :TBC-24 MCB
DVW-CA510P(EK) :TBC-24P MCB

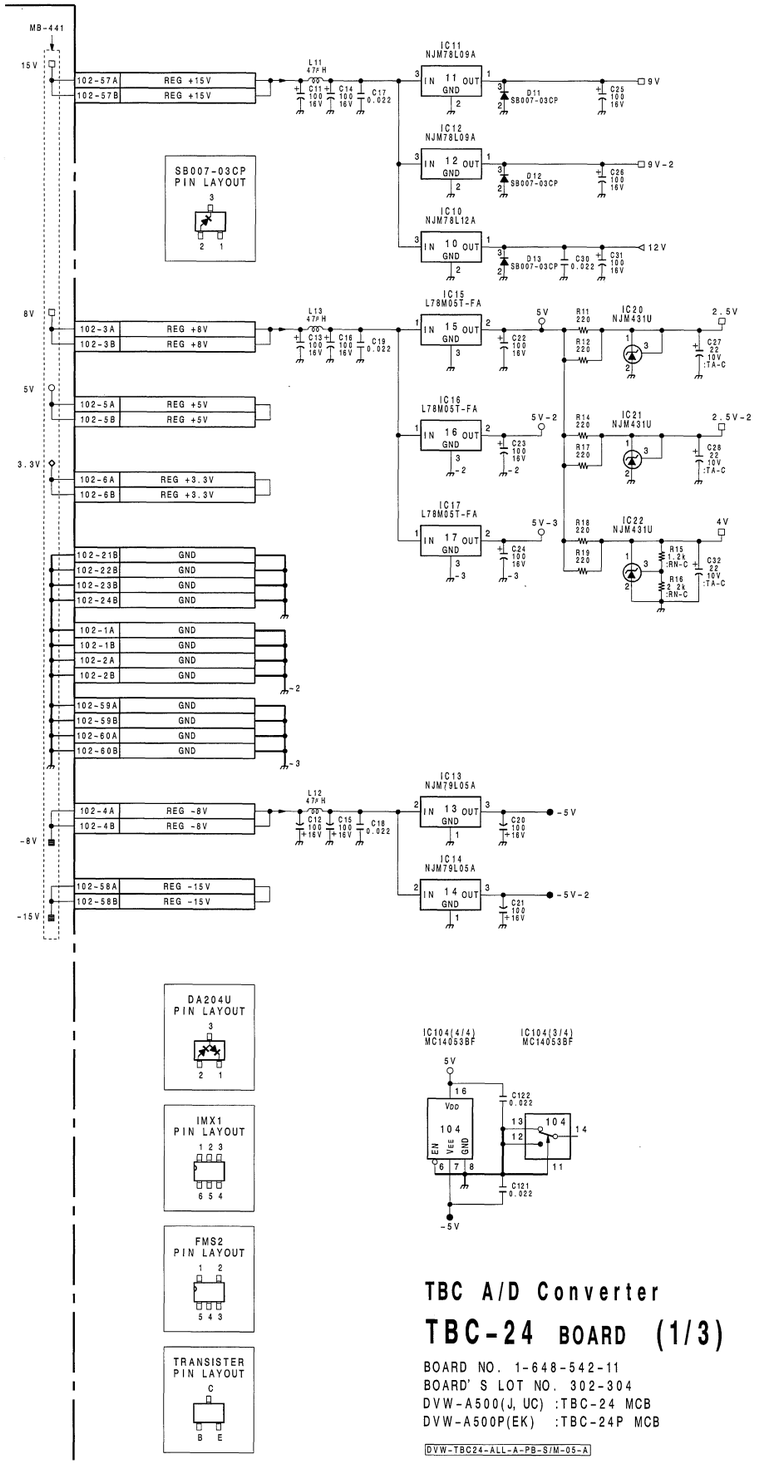
DVW-TBC24-ALL-A-PB-S/M-05-B



1-100 (a) 1-100 (a)

DVW-A500P/500P





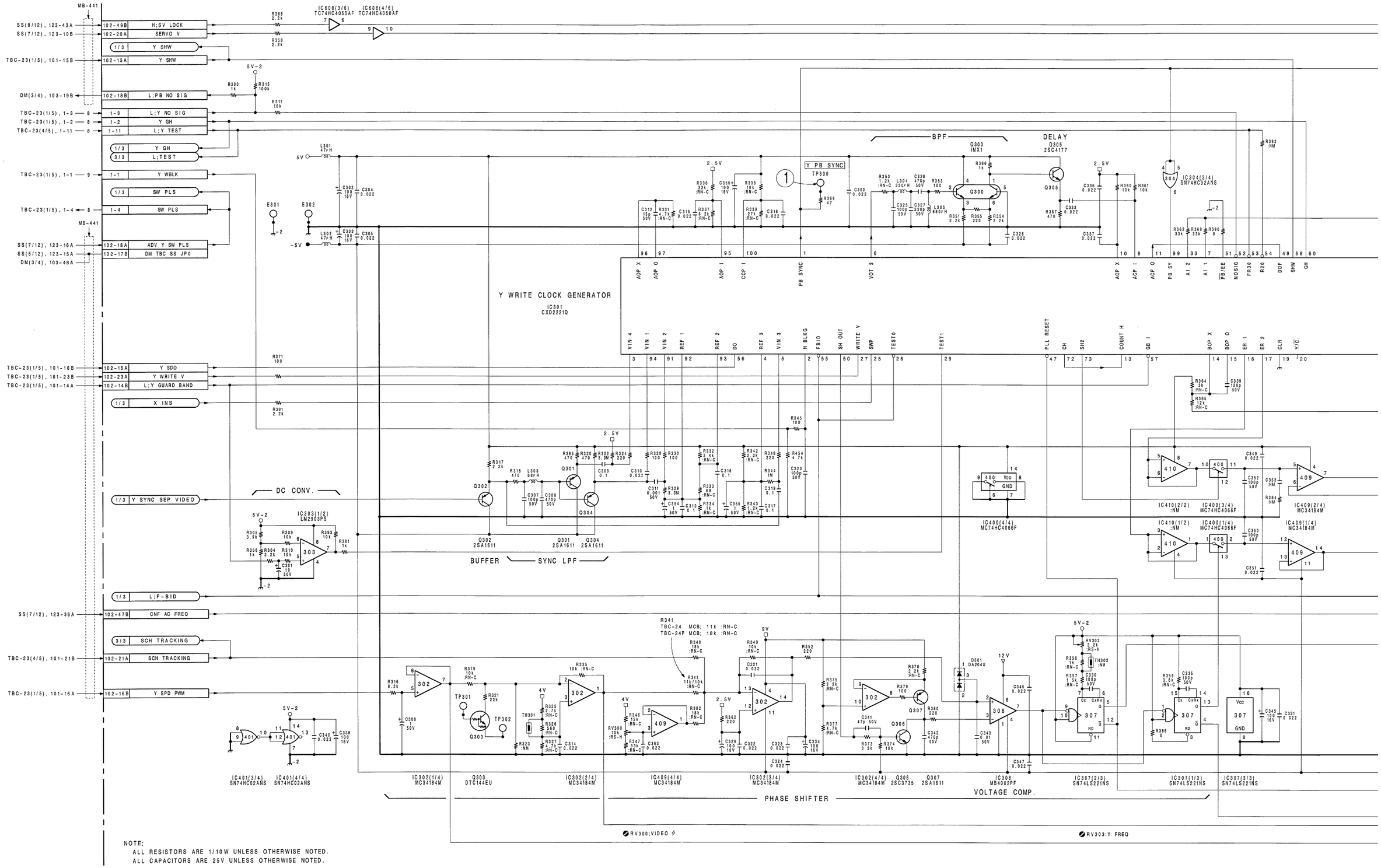
TBC A/D Converter

TBC-24 BOARD (1/3)

BOARD NO. 1-648-542-11
BOARD' S LOT NO. 302-304
DVW-A500(J, UC) :TBC-24 MCB
DVW-A500P(EK) :TBC-24P MCB

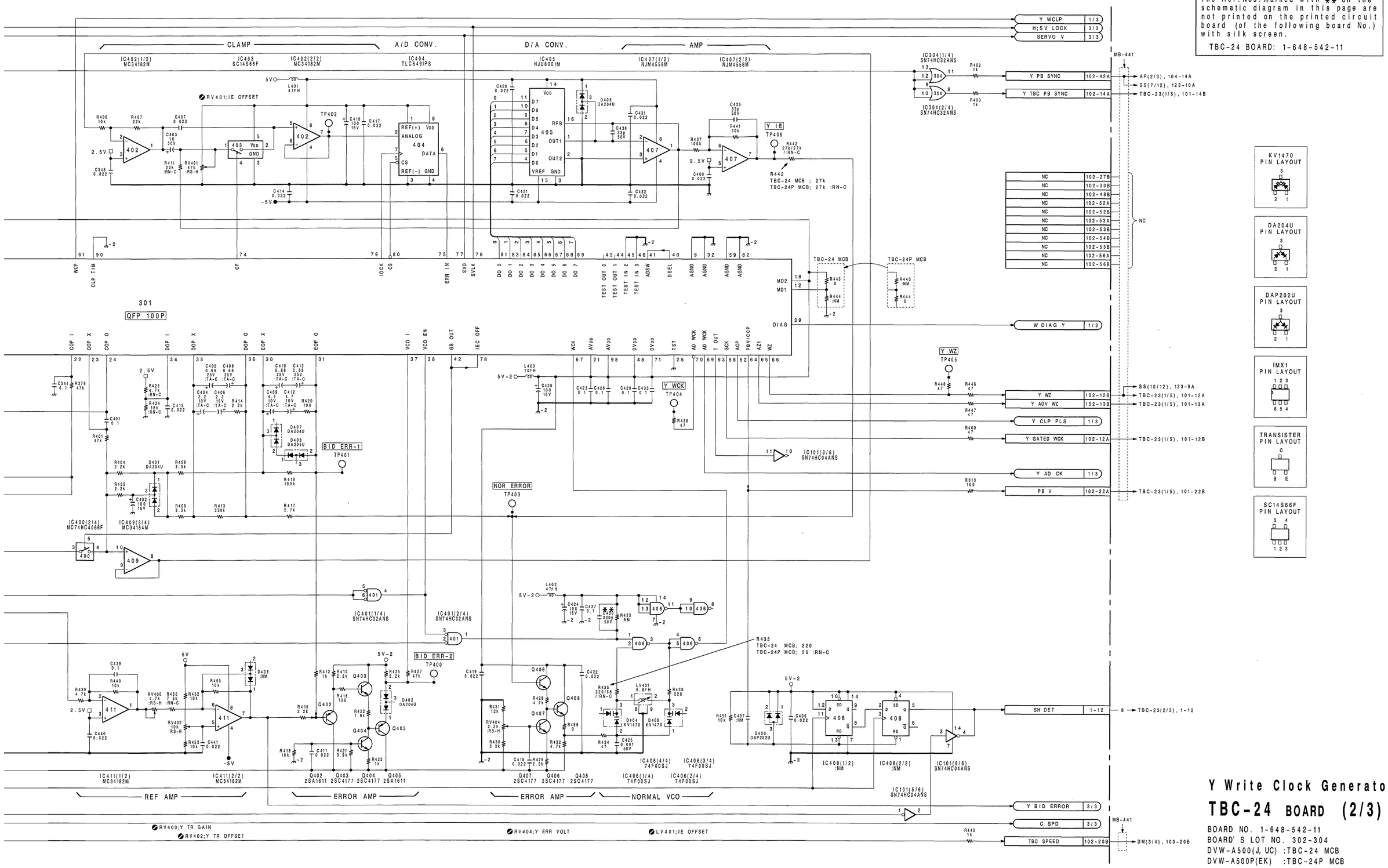
DVW-TBC24-ALL-A-PB-S/M-05-A

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.


Y WRITE CLOCK GENERATOR
IC301
CXD2221Q
Y PB SYNC
TP300
BPF
DELAY
Q300
IMX1
Q305
2SC4177
IC304(3/4)
SN74HC32ANS
DC CONV.
IC303(1/2)
LM2903PS
BUFFER
SYNC LPF
PHASE SHIFTER
VOLTAGE COMP.
IC302(1/4)
MC34184M
Q303
DTC144EU
IC302(2/4)
MC34184M
IC409(4/4)
MC34184M
IC302(3/4)
MC34184M
IC302(4/4)
MC34184M
Q306
2SC3735
Q307
2SA1611
IC308
MB4002PF
IC307(2/3)
SN74LS221NS
IC307(1/3)
SN74LS221NS
IC307(3/3)
SN74LS221NS
IC401(3/4)
SN74HC02ANS
IC401(4/4)
SN74HC02ANS
IC400(4/4)
MC74HC4066F
IC410(2/2)
:NM
IC400(3/4)
MC74HC4066F
IC410(1/2)
:NM
IC400(1/4)
MC74HC4066F
IC409(2/4)
MC34184M
IC409(1/4)
MC34184M
RV300:VIDEO ϕ
RV303:Y FREQ
R341
TBC-24 MCB; 11k :RN-C
TBC-24P MCB; 10k :RN-C
SS(8/12), 123-43A
SS(7/12), 123-10B
TBC-23(1/5), 101-15B
DM(3/4), 103-19B
TBC-23(1/5), 1-3
TBC-23(1/5), 1-2
TBC-23(4/5), 1-11
TBC-23(1/5), 1-1
TBC-23(1/5), 1-4
SS(7/12), 123-16A
SS(5/12), 123-15A
DM(3/4), 103-48A
TBC-23(1/5), 101-16B
TBC-23(1/5), 101-23B
TBC-23(1/5), 101-14A
SS(7/12), 123-36A
TBC-23(4/5), 101-21B
TBC-23(1/5), 101-16A
H;SV LOCK
SERVO V
Y SHW
L;PB NO SIG
L;Y NO SIG
Y GH
L;Y TEST
L;TEST
Y WBLK
SW PLS
ADV Y SW PLS
DM TBC SS JP0
Y SDO
Y WRITE V
L;Y GUARD BAND
X INS
Y SYNC SEP VIDEO
L;F-BID
CNF AC FREQ
SCH TRACKING
Y SPD PWM
MB-441
5V
-5V
5V-2
2.5V
4V
9V
12V
AOP X
AOP O
AOP I
CCP I
PB SYNC
VOT 3
ACP X
ACP I
ACP O
PB SY
AI 2
AI 1
PB/EE
NOSIG
FR30
R20
DDF
SHW
GH
VIN 4
VIN 1
VIN 2
REF 1
REF 2
DO
REF 3
VIN 3
H BLKG
FBID
SH OUT
WRITE V
SWP
TEST0
TEST1
PLL RESET
CH
SW2
COUNT H
GB I
BOP X
BOP O
ER 1
ER 2
CLR
Y/C
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

TBC-24 BOARD: 1-648-542-11



Y Write Clock Generator

TBC-24 BOARD (2/3)

BOARD NO. 1-648-542-11
BOARD' S LOT NO. 302-304
DVW-A500(J, UC) :TBC-24 MCB
DVW-A500P(EK) :TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-A

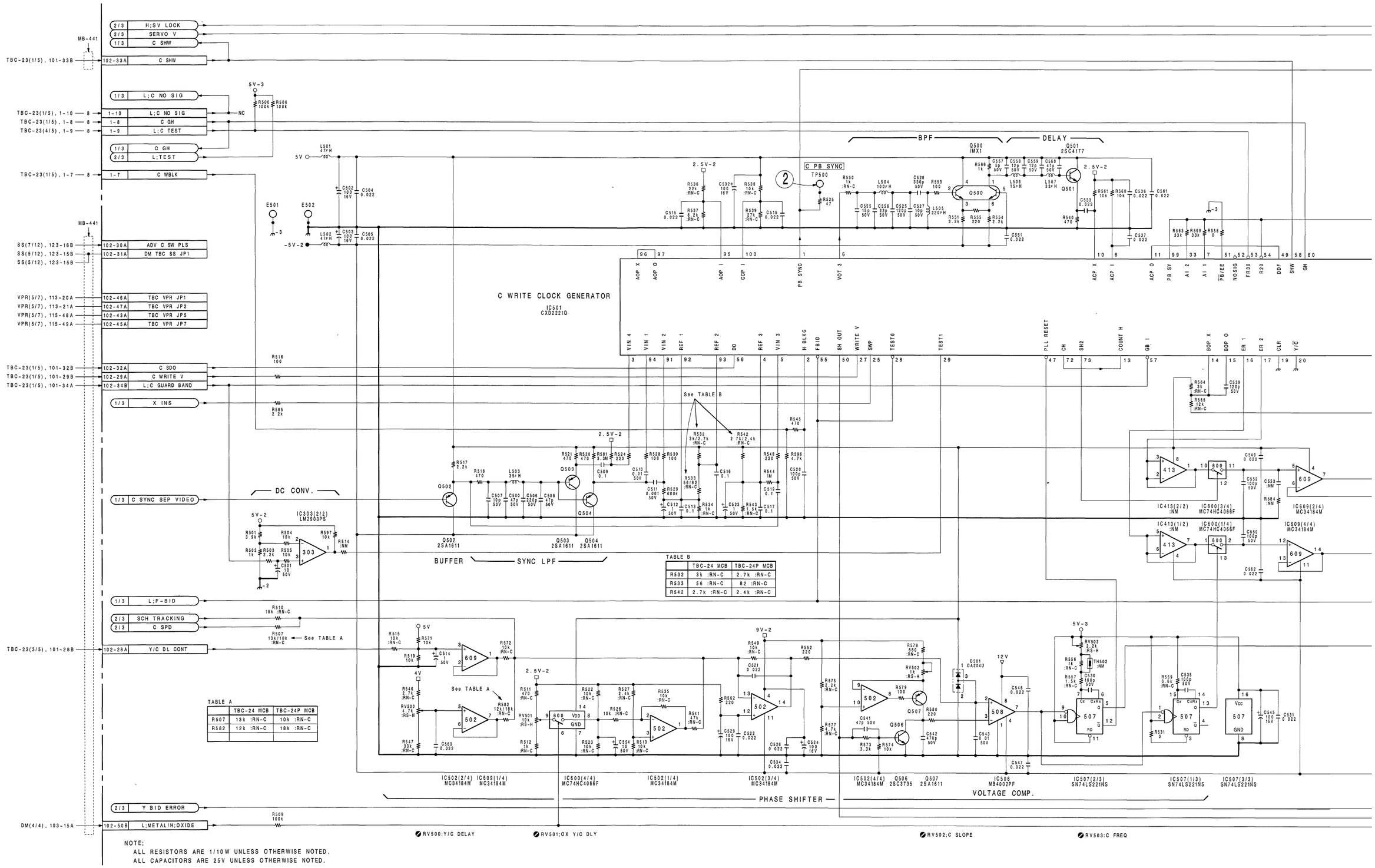


TABLE A

	TBC-24 MCB	TBC-24P MCB
R507	13k :RN-C	10k :RN-C
R582	12k :RN-C	18k :RN-C

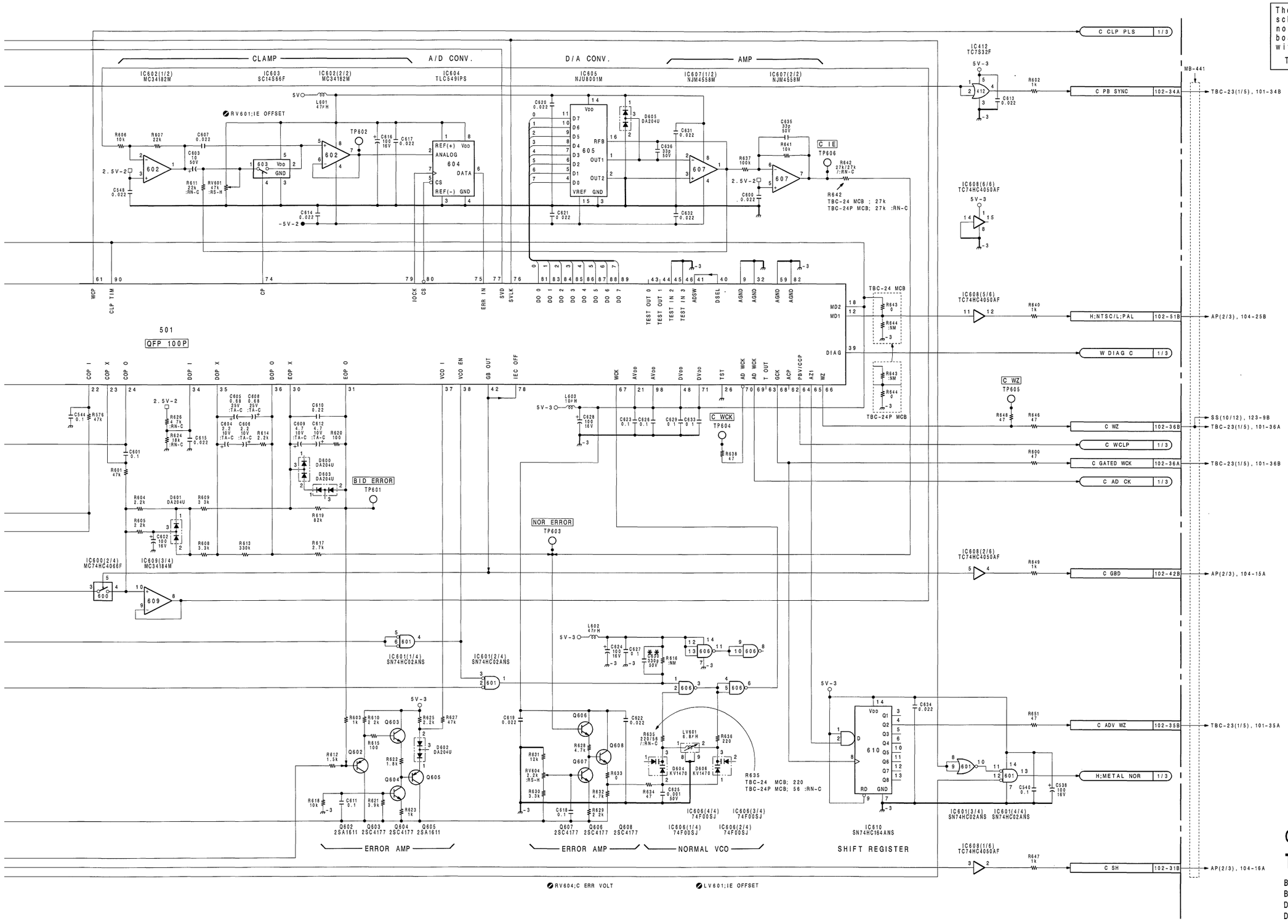
TABLE B

	TBC-24 MCB	TBC-24P MCB
R532	3k :RN-C	2.7k :RN-C
R533	56 :RN-C	82 :RN-C
R542	2.7k :RN-C	2.4k :RN-C

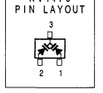
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

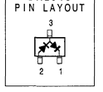
TBC-24 BOARD: 1-648-542-11



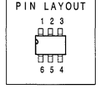
KV1470 PIN LAYOUT



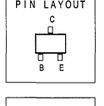
DA204U PIN LAYOUT



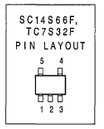
IMX1 PIN LAYOUT



TRANSISTER PIN LAYOUT



SC14S66F, TC7S32F PIN LAYOUT



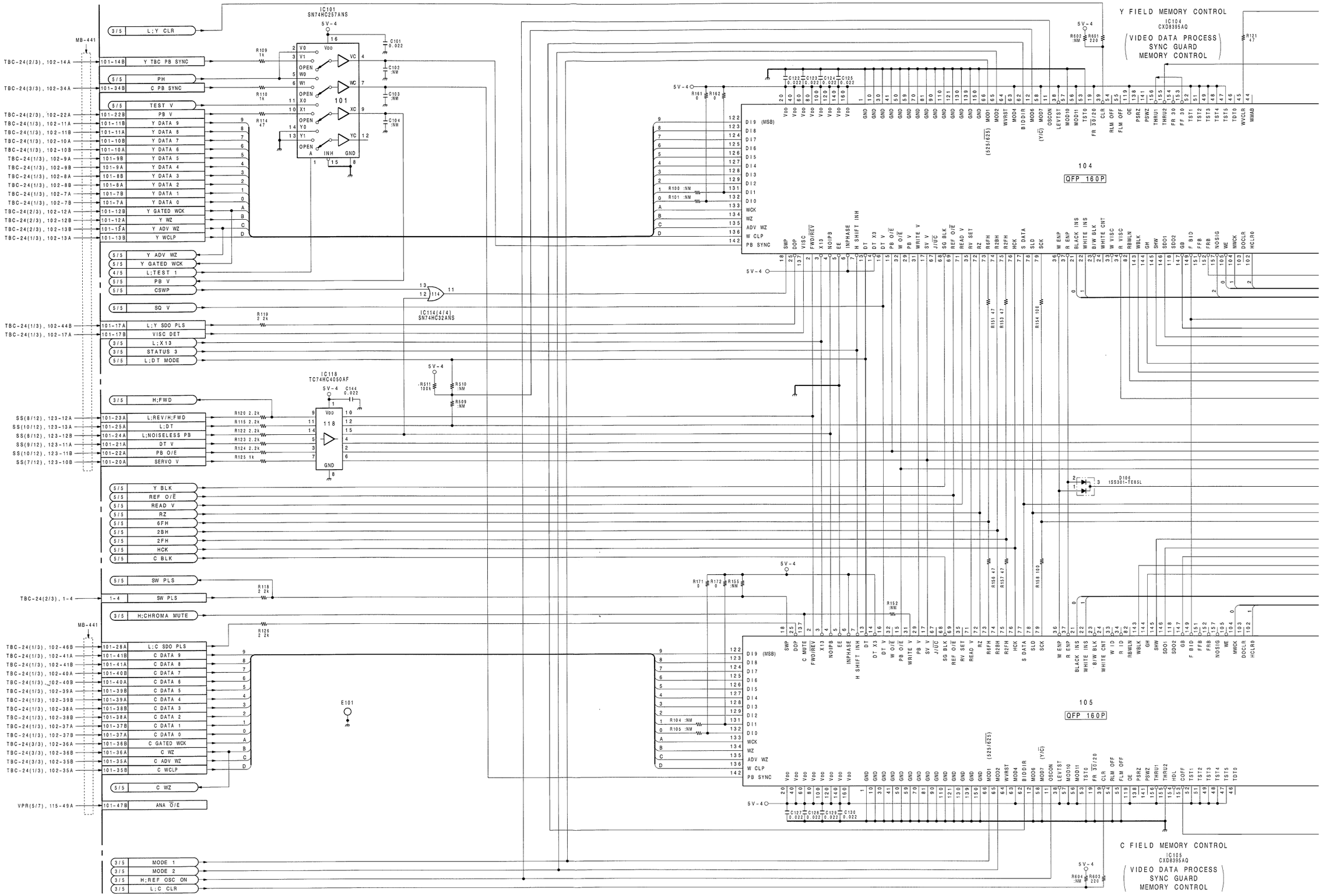
C Write Clock Generator

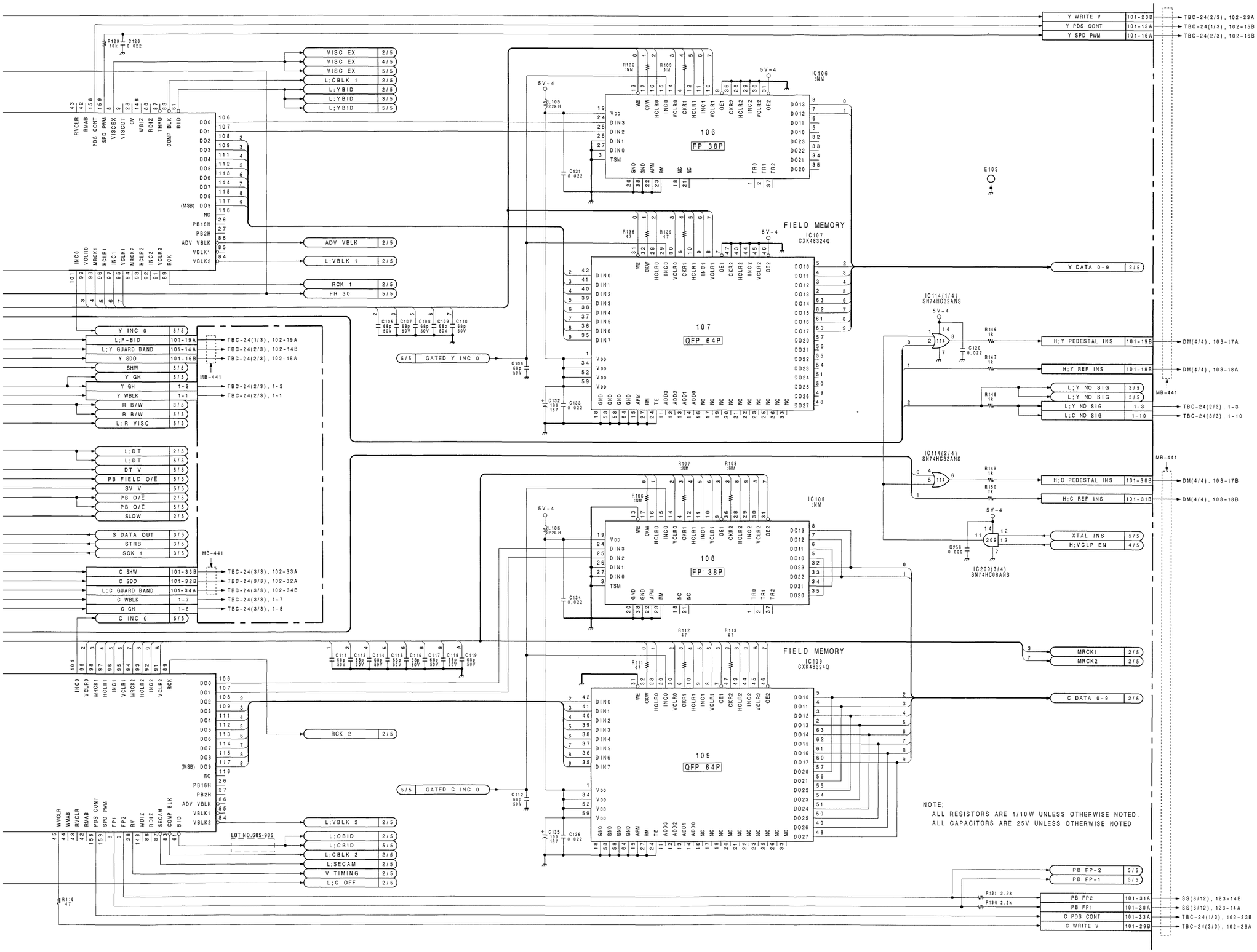
TBC-24 BOARD (3/3)

BOARD NO. 1-648-542-11
BOARD' S LOT NO. 302-304
DVW-A500(J, UC) :TBC-24 MCB
DVW-A500P(EK) :TBC-24P MCB

DVW-TBC24-ALL-A-PB-S/M-05-A

TBC-23 (1/5)


IC101
SN74HC257ANS
IC114(4/4)
SN74HC32ANS
IC118
TC74HC4050AF
Y FIELD MEMORY CONTROL
IC104
CXD8395AQ
VIDEO DATA PROCESS
SYNC GUARD
MEMORY CONTROL
104
QFP 160P
105
C FIELD MEMORY CONTROL
IC105
CXD8395AQ
MB-441
E101
L;Y CLR
Y TBC PB SYNC
PH
C PB SYNC
TEST V
PB V
Y DATA 9
Y DATA 8
Y DATA 7
Y DATA 6
Y DATA 5
Y DATA 4
Y DATA 3
Y DATA 2
Y DATA 1
Y DATA 0
Y GATED WCK
Y WZ
Y ADV WZ
Y WCLP
Y ADV WZ
Y GATED WCK
L;TEST 1
PB V
CSWP
SQ V
L;Y SDO PLS
VISC DET
L;X13
STATUS 3
L;DT MODE
H;FWD
L;REV/H;FWD
L;DT
L;NOISELESS PB
DT V
PB O/E
SERVO V
Y BLK
REF O/E
READ V
RZ
6FH
2BH
2FH
HCK
C BLK
SW PLS
SW PLS
H;CHROMA MUTE
L;C SDO PLS
C DATA 9
C DATA 8
C DATA 7
C DATA 6
C DATA 5
C DATA 4
C DATA 3
C DATA 2
C DATA 1
C DATA 0
C GATED WCK
C WZ
C ADV WZ
C WCLP
C WZ
ANA O/E
MODE 1
MODE 2
H;REF OSC ON
L;C CLR
TBC-24(2/3), 102-14A
TBC-24(3/3), 102-34A
TBC-24(2/3), 102-22A
TBC-24(1/3), 102-11A
TBC-24(1/3), 102-11B
TBC-24(1/3), 102-10A
TBC-24(1/3), 102-10B
TBC-24(1/3), 102-9A
TBC-24(1/3), 102-9B
TBC-24(1/3), 102-8A
TBC-24(1/3), 102-8B
TBC-24(1/3), 102-7A
TBC-24(1/3), 102-7B
TBC-24(2/3), 102-12A
TBC-24(2/3), 102-12B
TBC-24(2/3), 102-13B
TBC-24(1/3), 102-13A
TBC-24(1/3), 102-44B
TBC-24(1/3), 102-17A
SS(8/12), 123-12A
SS(10/12), 123-13A
SS(8/12), 123-12B
SS(9/12), 123-11A
SS(10/12), 123-11B
SS(7/12), 123-10B
TBC-24(2/3), 1-4
TBC-24(2/3), 102-46B
TBC-24(1/3), 102-41A
TBC-24(1/3), 102-41B
TBC-24(1/3), 102-40A
TBC-24(1/3), 102-40B
TBC-24(1/3), 102-39A
TBC-24(1/3), 102-39B
TBC-24(1/3), 102-38A
TBC-24(1/3), 102-38B
TBC-24(1/3), 102-37A
TBC-24(1/3), 102-37B
TBC-24(3/3), 102-36A
TBC-24(3/3), 102-36B
TBC-24(3/3), 102-35B
TBC-24(1/3), 102-35A
VPR(5/7), 115-49A
D106
1SS301-TE85L



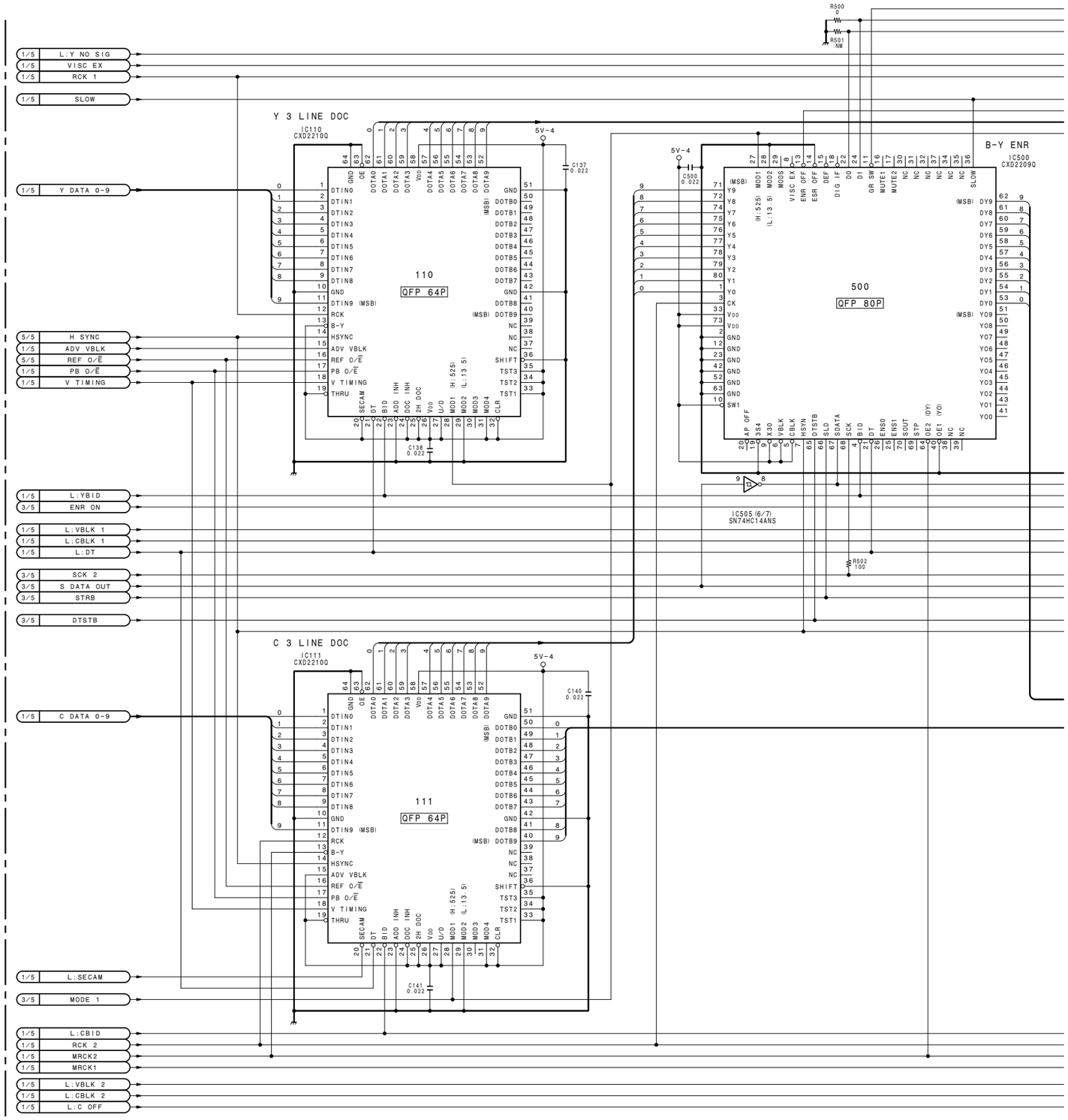
LOT NO.	BOARD NO.
605-802	1-648-543-15
803-	1-648-543-16

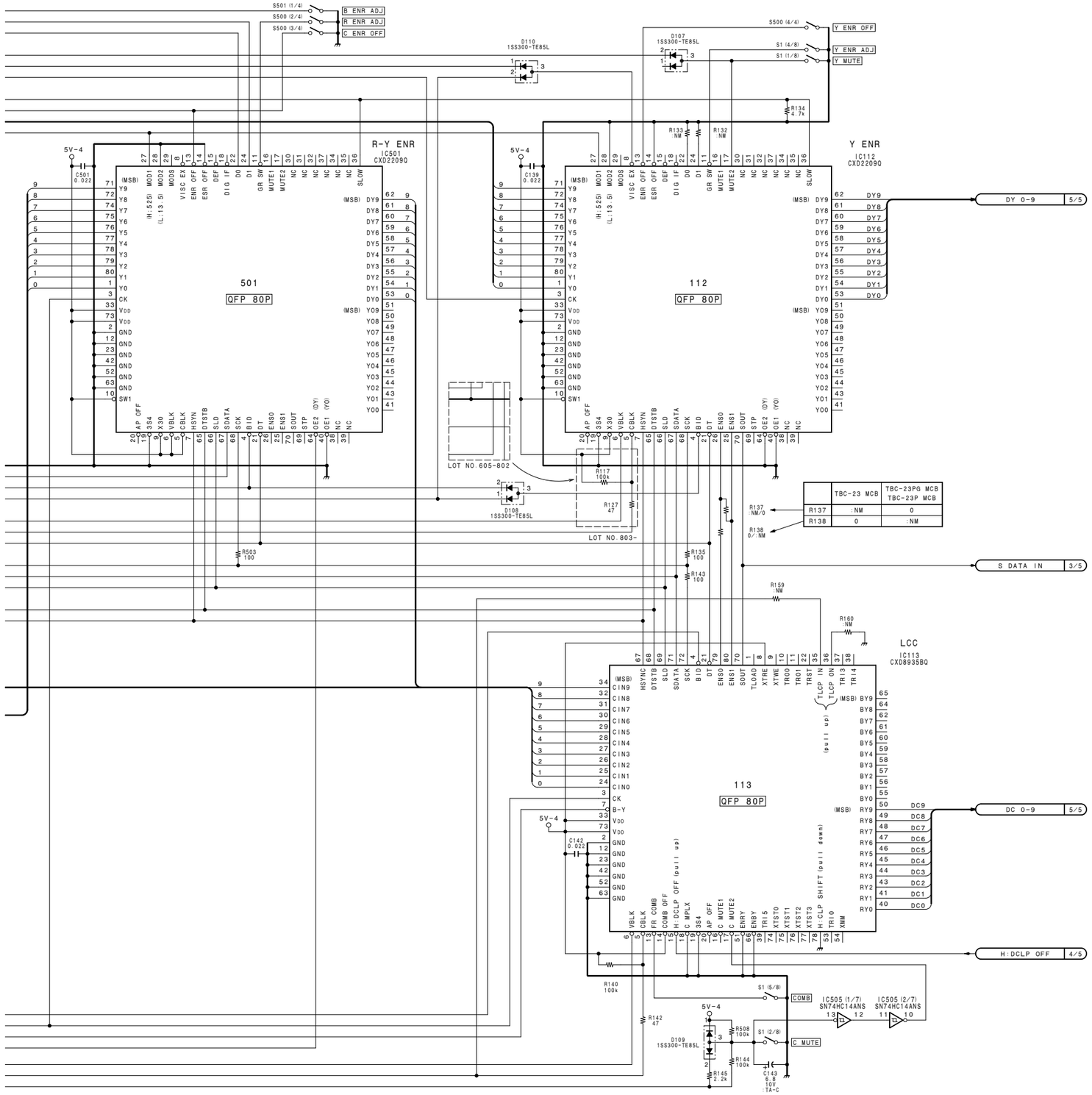
Y/C Data Memory Control, Field Memory

TBC-23 BOARD (1/5)

BOARD NO. 1-648-543-15,16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510(J, UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

DVW-TBC23-ALL-A-PB-S/M-04-C

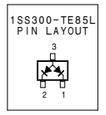

Y 3 LINE DOC
IC110
CXD2210Q
110
QFP 64P
C 3 LINE DOC
IC111
CXD2210Q
111
QFP 64P
B-Y ENR
IC500
CXD2209Q
500
QFP 80P
IC505 (6/7)
SN74HC14ANS
5V-4
R500 0
R501 NM
R502 100
C137 0.022
C138 0.022
C140 0.022
C141 0.022
C508 0.022
L:Y NO SIG
VISC EX
RCK 1
SLOW
Y DATA 0-9
H SYNC
ADV VBLK
REF O/E
PB O/E
V TIMING
L:YBID
ENR ON
L:VBLK 1
L:CBLK 1
L:DT
SCK 2
S DATA OUT
STRB
DTSTB
C DATA 0-9
L:SECAM
MODE 1
L:CBID
RCK 2
MRCK2
MRCK1
L:VBLK 2
L:CBLK 2
L:C OFF



	TBC-23 MCB	TBC-23PG MCB TBC-23P MCB
R137	:NM	0
R138	0	:NM

NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

1SS300-TE85L PIN LAYOUT



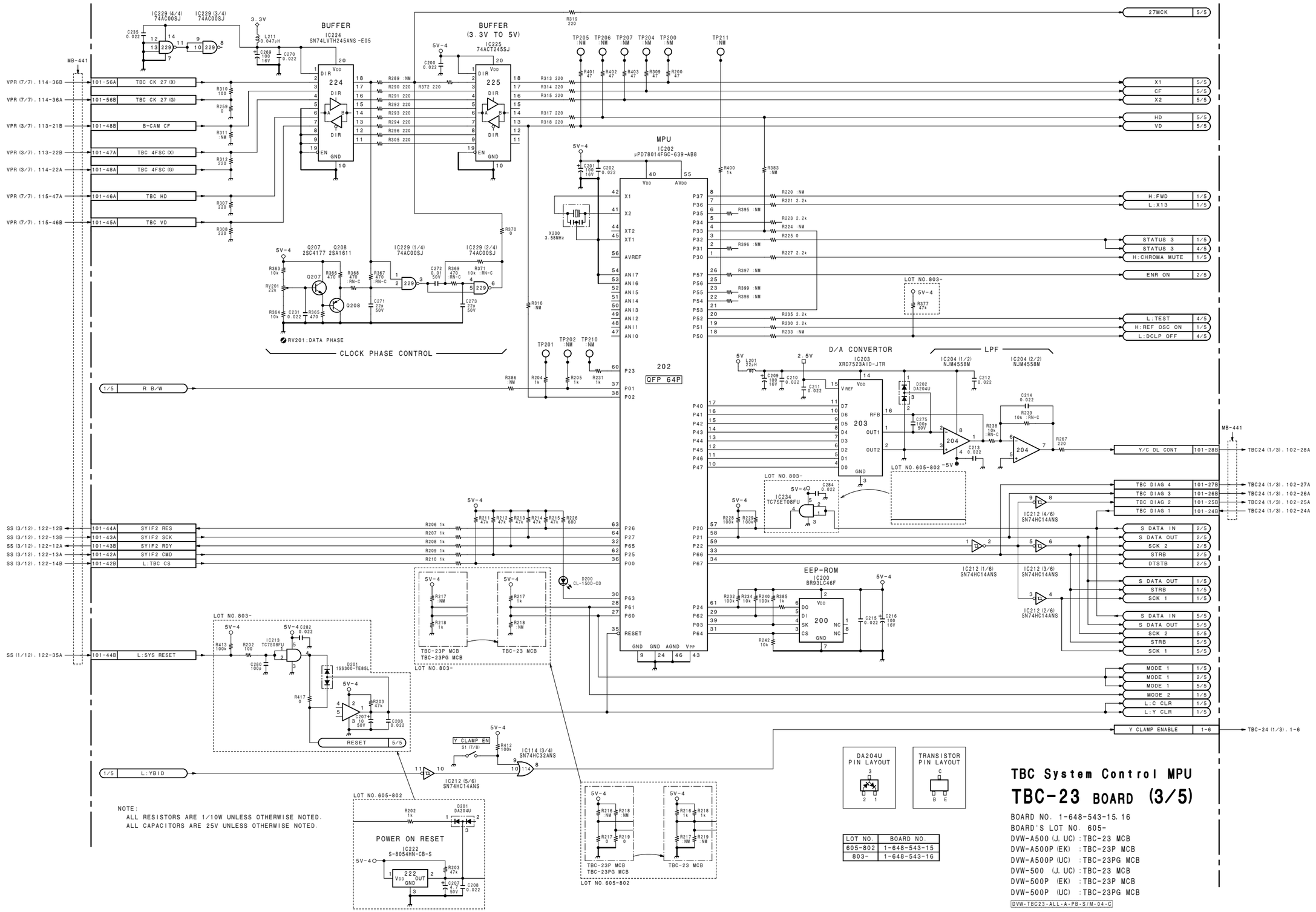
LOT NO.	BOARD NO.
605-802	1-648-543-15
803-	1-648-543-16

TBC Sequence

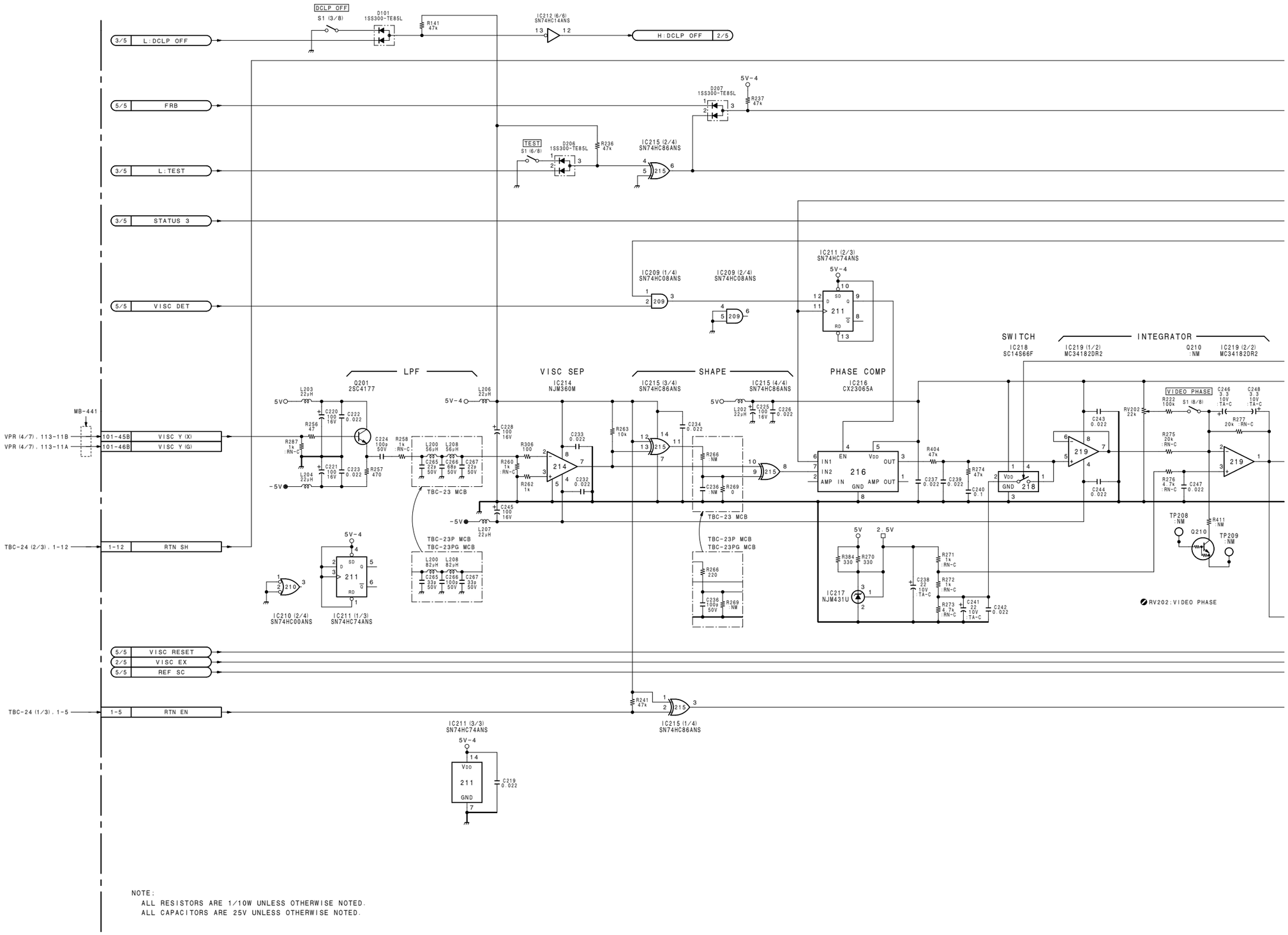
TBC-23 BOARD (2/5)

BOARD NO. 1-648-543-15, 16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : TBC-23 MCB
DVW-A500P (EK) : TBC-23P MCB
DVW-A500P (UC) : TBC-23PG MCB
DVW-500 (J, UC) : TBC-23 MCB
DVW-500P (EK) : TBC-23P MCB
DVW-500P (UC) : TBC-23PG MCB

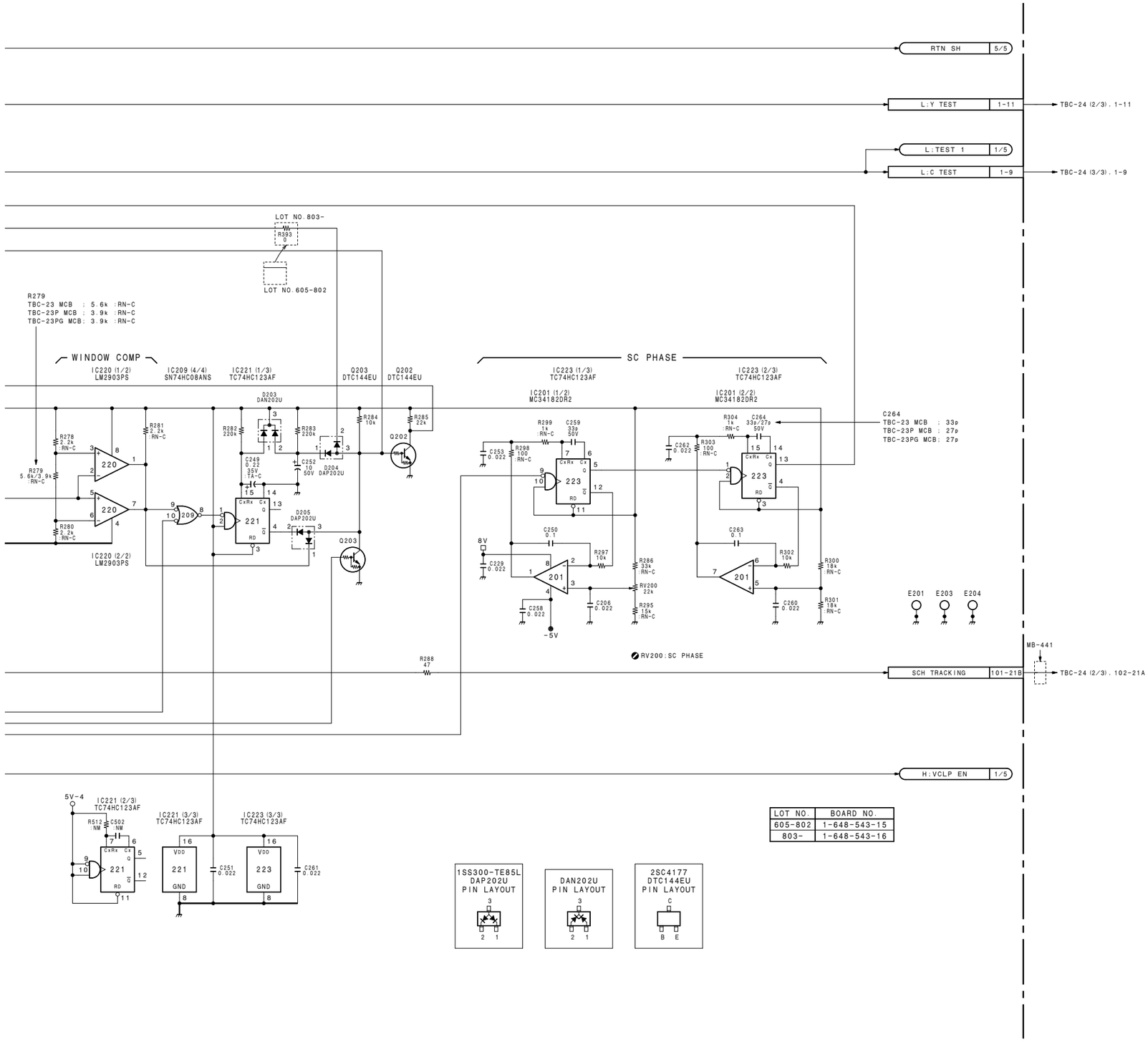
DVW-TBC23-ALL-A-PB-S/M-04-C


BUFFER
IC224
SN74LVTH245ANS-E05
BUFFER
(3.3V TO 5V)
IC225
74ACT245SJ
MPU
IC202
μPD78014FGC-639-AB8
202
QFP 64P
CLOCK PHASE CONTROL
RV201:DATA PHASE
D/A CONVERTOR
IC203
XRD7523AID-JTR
LPF
IC204 (1/2)
NJM4558M
IC204 (2/2)
NJM4558M
EEP-ROM
IC200
BR93LC46F
POWER ON RESET
IC222
S-8054HN-CB-S
IC234
TC7SET08FU
IC213
TC7S08FU
IC114 (3/4)
SN74HC32ANS
IC212 (1/6)
SN74HC14ANS
IC212 (2/6)
SN74HC14ANS
IC212 (3/6)
SN74HC14ANS
IC212 (4/6)
SN74HC14ANS
IC212 (5/6)
SN74HC14ANS
IC229 (4/4)
74AC00SJ
IC229 (3/4)
74AC00SJ
IC229 (1/4)
74AC00SJ
IC229 (2/4)
74AC00SJ
Q207
2SC4177
Q208
2SA1611
MB-441
27MCK
X1
CF
X2
HD
VD
H:FWD
L:X13
STATUS 3
STATUS 3
H:CHROMA MUTE
ENR ON
L:TEST
H:REF OSC ON
L:DCLP OFF
Y/C DL CONT
TBC DIAG 4
TBC DIAG 3
TBC DIAG 2
TBC DIAG 1
S DATA IN
S DATA OUT
SCK 2
STRB
DTSTB
S DATA OUT
STRB
SCK 1
S DATA IN
S DATA OUT
SCK 2
STRB
SCK 1
MODE 1
MODE 1
MODE 1
MODE 2
L:C CLR
L:Y CLR
Y CLAMP ENABLE
TBC24 (1/3), 102-28A
TBC24 (1/3), 102-27A
TBC24 (1/3), 102-26A
TBC24 (1/3), 102-25A
TBC24 (1/3), 102-24A
TBC-24 (1/3), 1-6
VPR (7/7), 114-36B
VPR (7/7), 114-36A
VPR (3/7), 113-21B
VPR (3/7), 113-22B
VPR (3/7), 114-22A
VPR (7/7), 115-47A
VPR (7/7), 115-46B
TBC CK 27 (X)
TBC CK 27 (G)
B-CAM CF
TBC 4FSC (X)
TBC 4FSC (G)
TBC HD
TBC VD
R.B/W
SS (3/12), 122-12B
SS (3/12), 122-13B
SS (3/12), 122-12A
SS (3/12), 122-13A
SS (3/12), 122-14B
SS (1/12), 122-35A
SYIF2 RES
SYIF2 SCK
SYIF2 RDY
SYIF2 CMD
L:TBC CS
L:SYS RESET
L:YBID
RESET
Y CLAMP EN
S1 (7/8)
TBC-23P MCB
TBC-23PG MCB
TBC-23 MCB
LOT NO.803-
LOT NO.605-802
LOT NO.605-802 -5V
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
DA204U PIN LAYOUT
TRANSISTOR PIN LAYOUT
LOT NO. BOARD NO.
605-802 1-648-543-15
803- 1-648-543-16
TBC System Control MPU
TBC-23 BOARD (3/5)
BOARD NO. 1-648-543-15, 16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : TBC-23 MCB
DVW-A500P (EK) : TBC-23P MCB
DVW-A500P (UC) : TBC-23PG MCB
DVW-500 (J, UC) : TBC-23 MCB
DVW-500P (EK) : TBC-23P MCB
DVW-500P (UC) : TBC-23PG MCB
DVW-TBC23-ALL-A-PB-S/M-04-C

TBC-23 (4/5)



NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



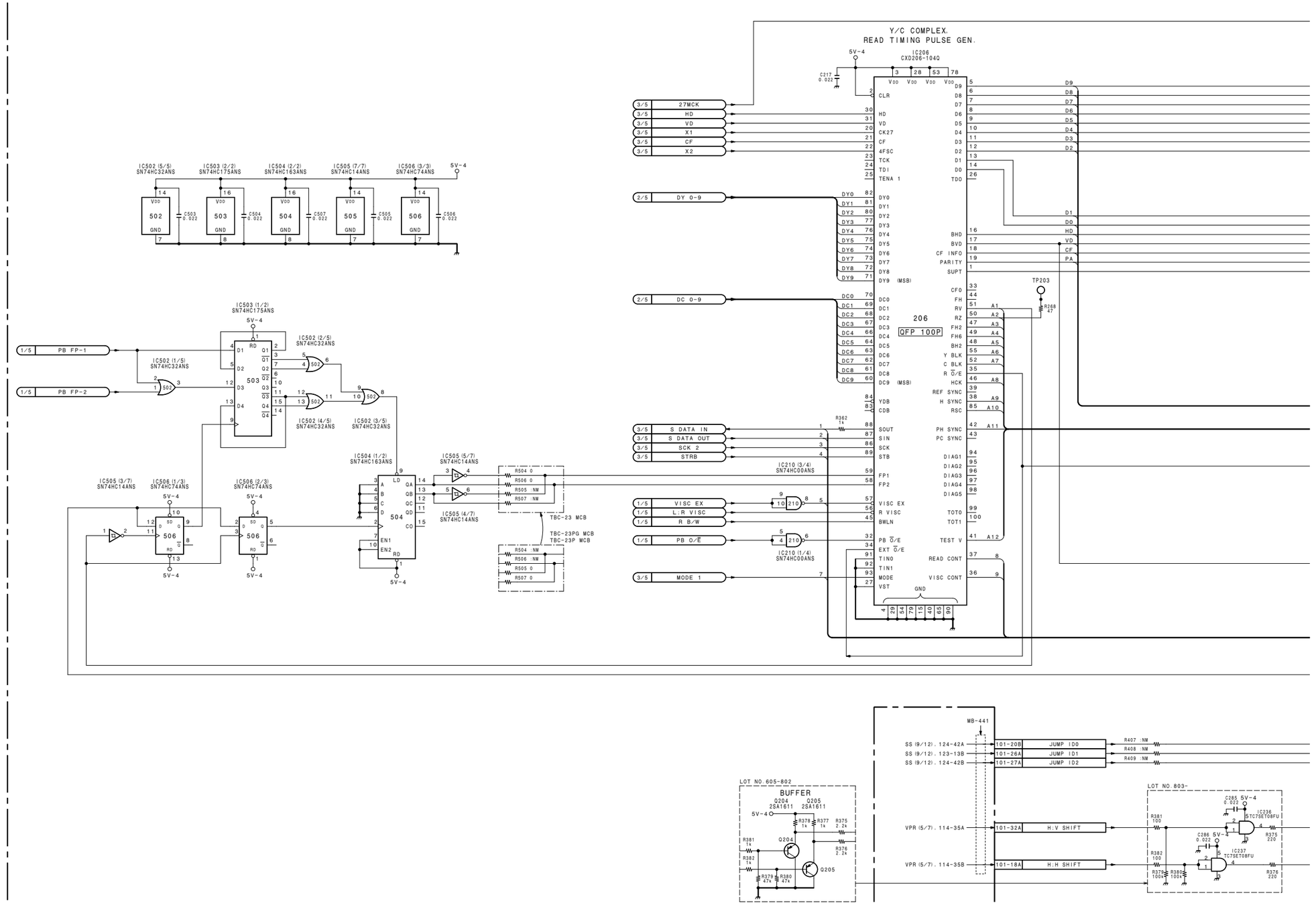
LOT NO.	BOARD NO.
605-802	1-648-543-15
803-	1-648-543-16

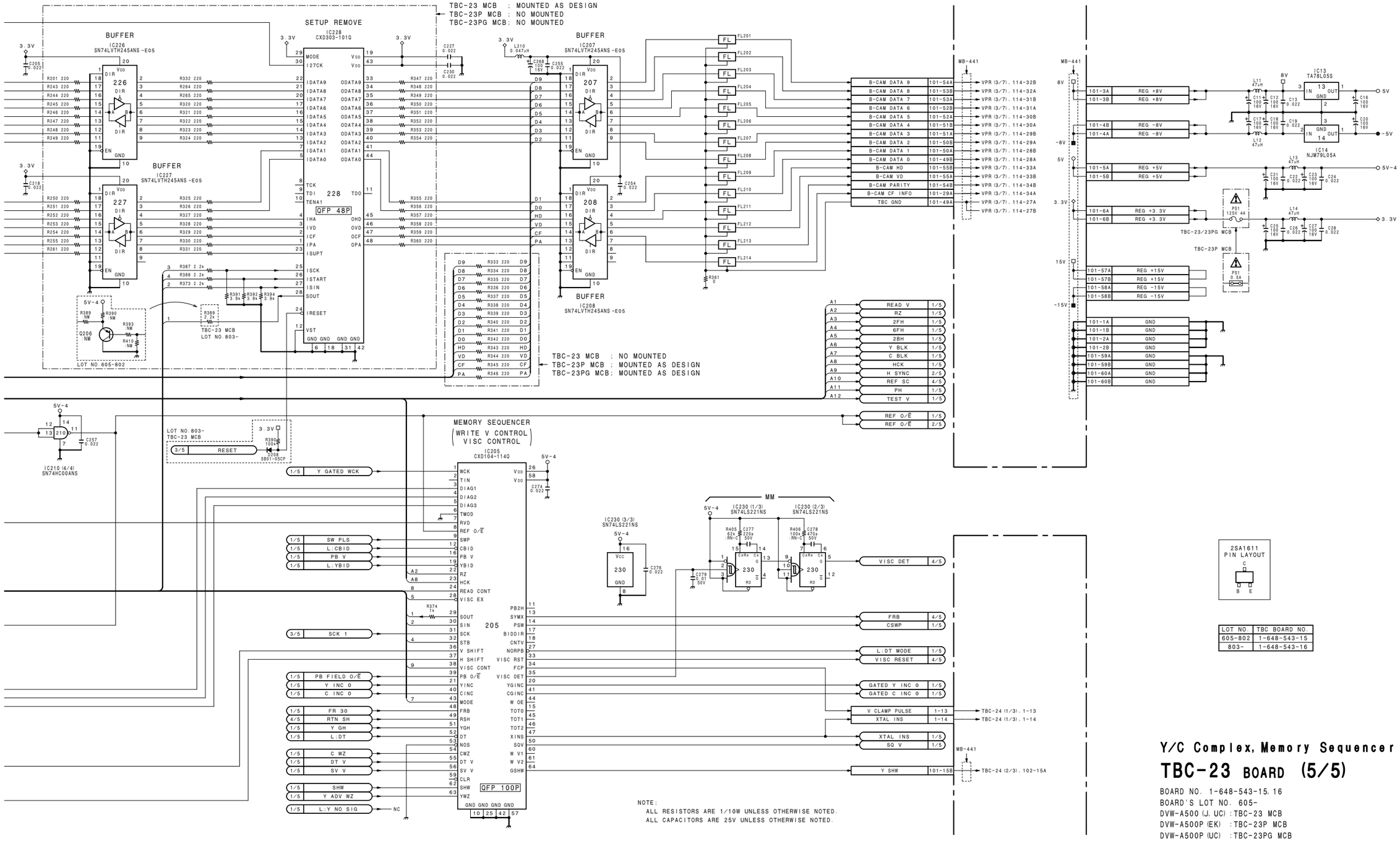
VISC Phase Detector

TBC-23 BOARD (4/5)

BOARD NO. 1-648-543-15, 16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : TBC-23 MCB
DVW-A500P (EK) : TBC-23P MCB
DVW-A500P (UC) : TBC-23PG MCB
DVW-500 (J, UC) : TBC-23 MCB
DVW-500P (EK) : TBC-23P MCB
DVW-500P (UC) : TBC-23PG MCB

DVW-TBC23-ALL-A-PB-S/M-04-C


Y/C COMPLEX.
READ TIMING PULSE GEN.
IC206
CXD206-104Q
206
QFP 100P
5V-4
C217 0.022
3/5 27MCK
3/5 HD
3/5 VD
3/5 X1
3/5 CF
3/5 X2
2/5 DY 0-9
2/5 DC 0-9
3/5 S DATA IN
3/5 S DATA OUT
3/5 SCK 2
3/5 STRB
1/5 VISC EX
1/5 L/R VISC
1/5 R B/W
1/5 PB O/E
3/5 MODE 1
R362 1k
IC210 (3/4) SN74HC00ANS
IC210 (1/4) SN74HC00ANS
TP203
R268 47
GND
IC503 (1/2) SN74HC175ANS
IC502 (1/5) SN74HC32ANS
IC502 (2/5) SN74HC32ANS
IC502 (4/5) SN74HC32ANS
IC502 (3/5) SN74HC32ANS
1/5 PB FP-1
1/5 PB FP-2
IC504 (1/2) SN74HC163ANS
IC505 (5/7) SN74HC14ANS
IC505 (4/7) SN74HC14ANS
IC505 (3/7) SN74HC14ANS
IC506 (1/3) SN74HC74ANS
IC506 (2/3) SN74HC74ANS
R504 0
R506 0
R505 :NM
R507 :NM
R504 :NM
R506 :NM
R505 0
R507 0
TBC-23 MCB
TBC-23PG MCB
TBC-23P MCB
MB-441
SS (9/12), 124-42A
SS (9/12), 123-13B
SS (9/12), 124-42B
101-20B JUMP ID0
101-26A JUMP ID1
101-27A JUMP ID2
R407 :NM
R408 :NM
R409 :NM
VPR (5/7), 114-35A
VPR (5/7), 114-35B
101-32A H:V SHIFT
101-18A H:H SHIFT
LOT NO.605-802
BUFFER
Q204 2SA1611
Q205 2SA1611
LOT NO.803-
IC236 TC75ET08FU
IC237 TC75ET08FU
C285 5V-4 0.022
C286 5V-4 0.022



LOT NO.	TBC BOARD NO.
605-802	1-648-543-15
803-	1-648-543-16

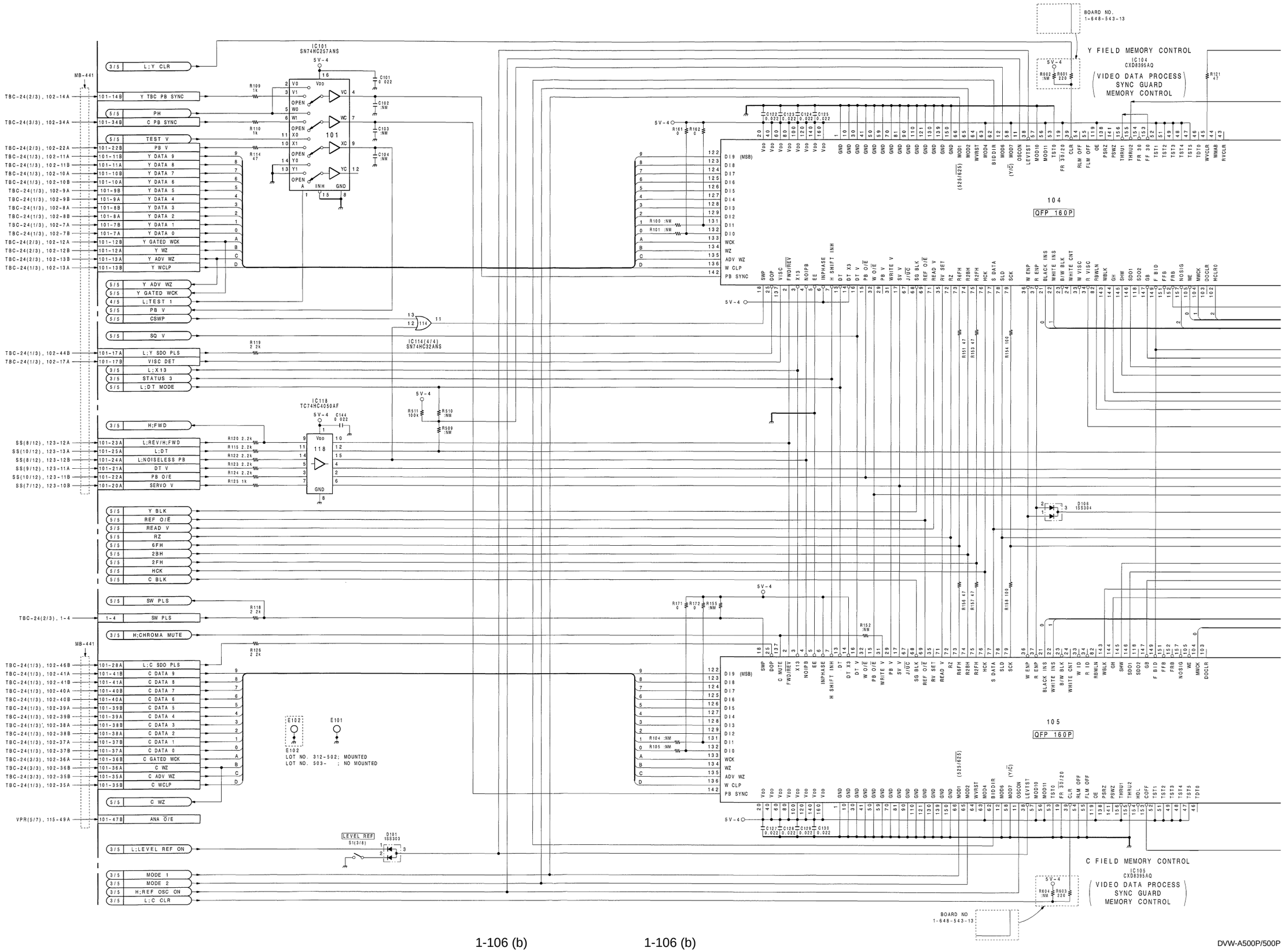
Y/C Complex, Memory Sequencer

TBC-23 BOARD (5/5)

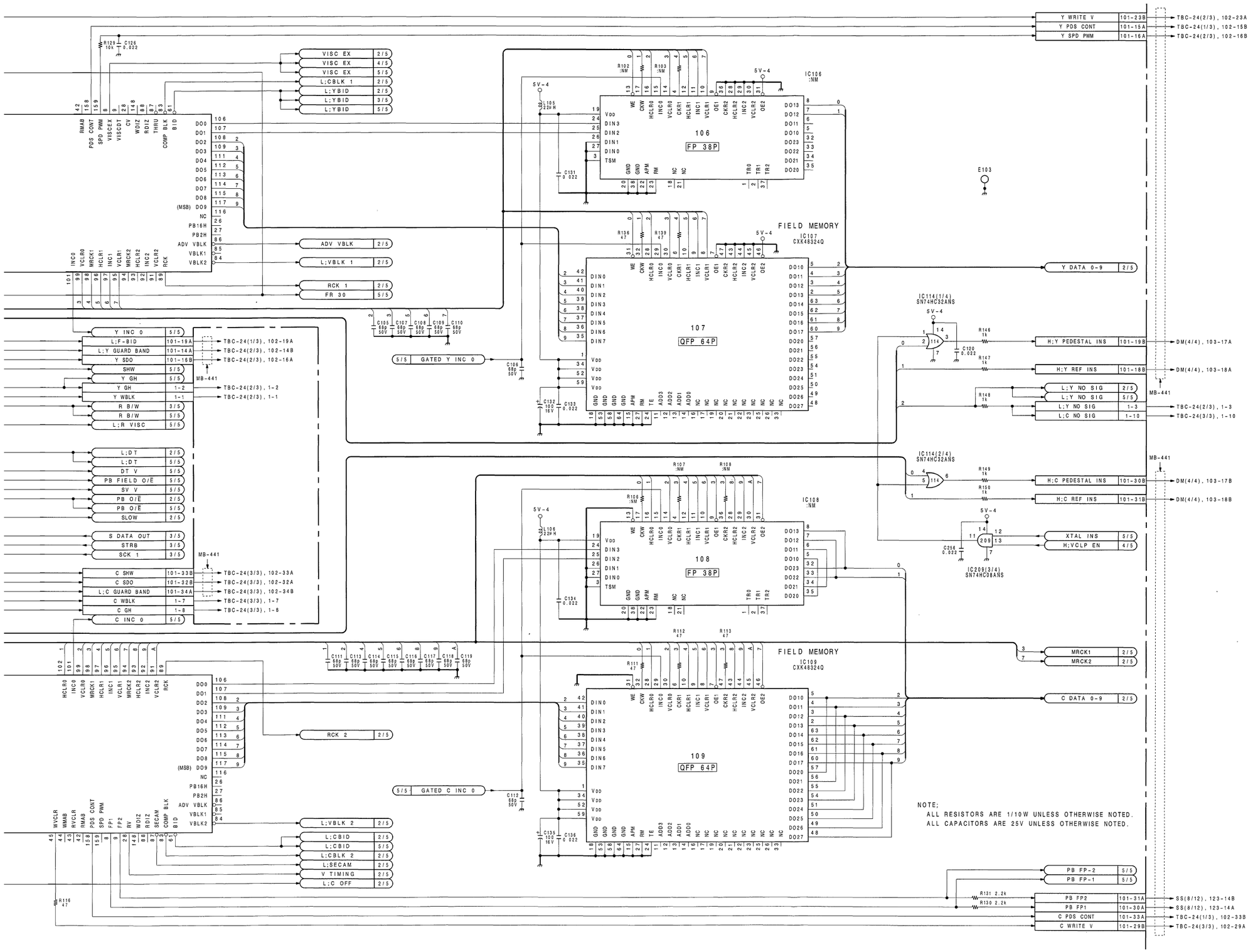
BOARD NO. 1-648-543-15.16
BOARD'S LOT NO. 605-
DVW-A500 (J, UC) : TBC-23 MCB
DVW-A500P (EK) : TBC-23P MCB
DVW-A500P (UC) : TBC-23PG MCB
DVW-500 (J, UC) : TBC-23 MCB
DVW-500P (EK) : TBC-23P MCB
DVW-500P (UC) : TBC-23PG MCB

DVW-TBC23-ALL-A-PB-S/M-04-C

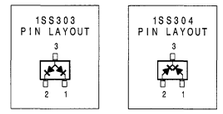
TBC-23 (1/5)



1-106 (b)



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



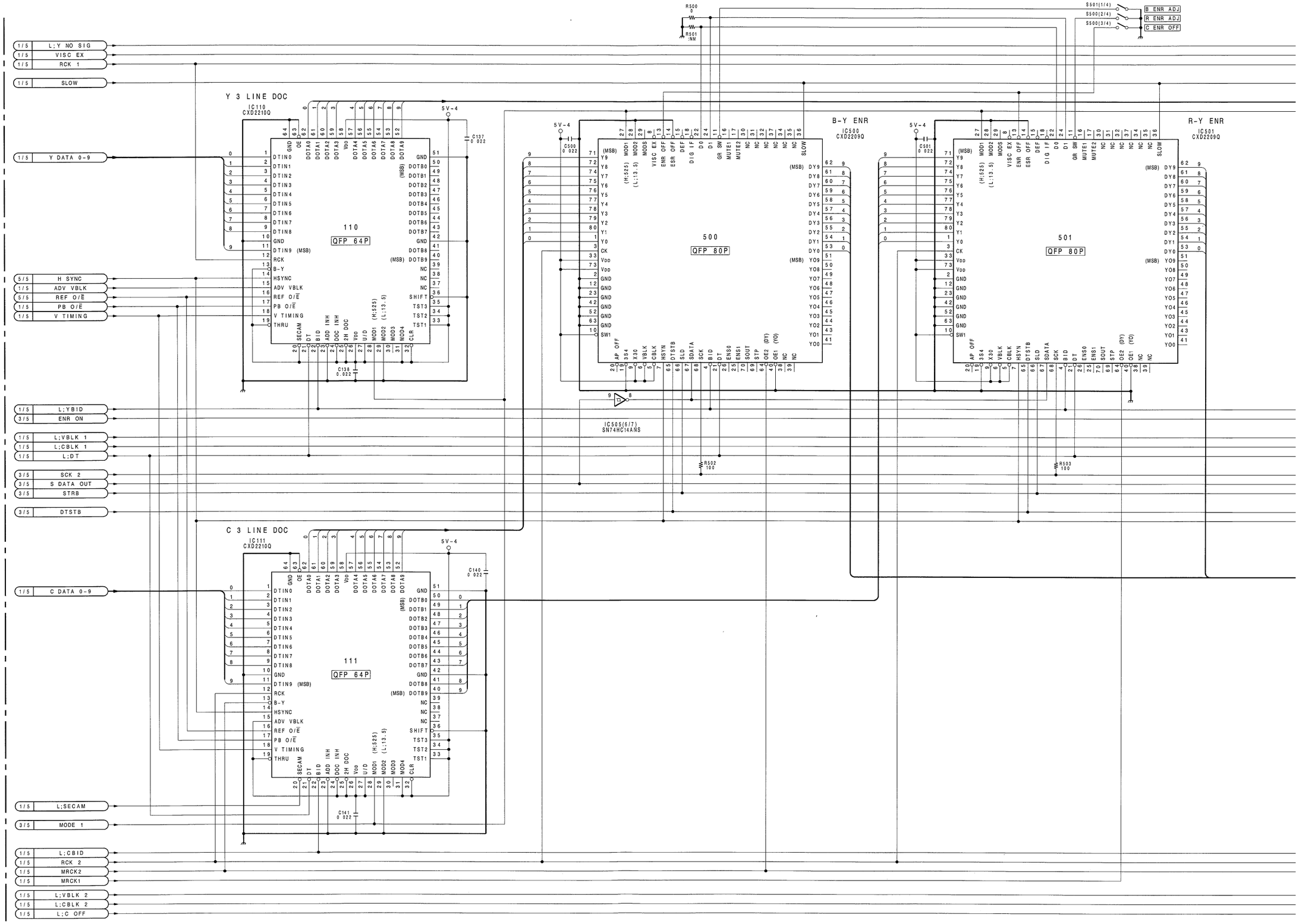
LOT NO.	BOARD NO.
312-412	1-648-543-13
501-603	1-648-543-14

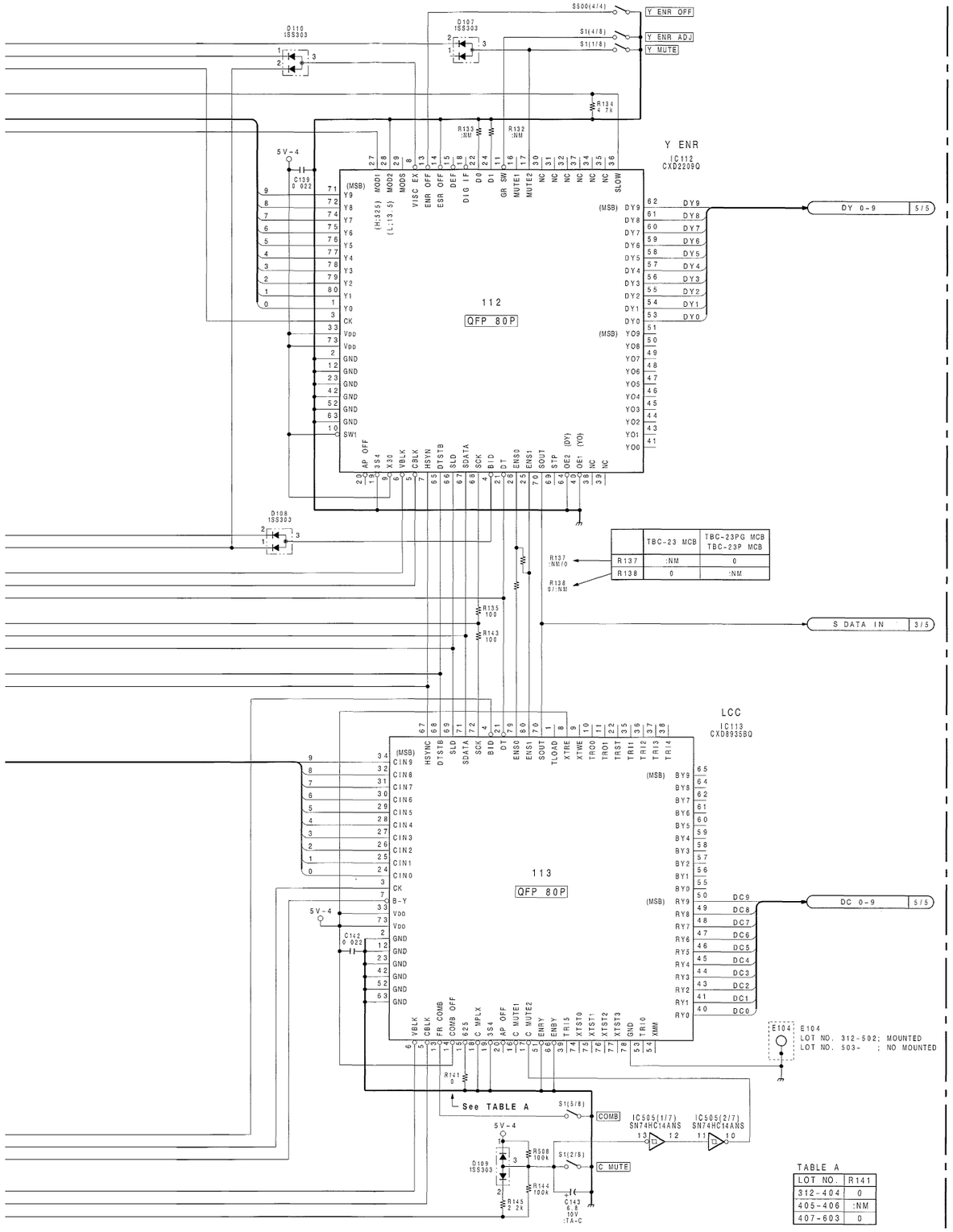
Y/C Data Memory Control, Field Memory

TBC-23 BOARD (1/5)

BOARD NO. 1-648-543-13, 14
BOARD' S LOT NO. 312-603
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500PG (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510(J, UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

DVW-TBC23-ALL-A-PB-S/M-04-B


Y 3 LINE DOC
IC110
CXD2210Q
110
QFP 64P
C 3 LINE DOC
IC111
CXD2210Q
111
QFP 64P
B-Y ENR
IC500
CXD2209Q
500
QFP 80P
R-Y ENR
IC501
CXD2209Q
501
QFP 80P
IC505(6/7)
SN74HC14ANS
5V-4
R500 0
R501 :NM
R502 100
R503 100
S501(1/4)
S500(2/4)
S500(3/4)
B ENR ADJ
R ENR ADJ
C ENR OFF
1/5 L;Y NO SIG
1/5 VISC EX
1/5 RCK 1
1/5 SLOW
1/5 Y DATA 0-9
5/5 H SYNC
1/5 ADV VBLK
5/5 REF O/E
1/5 PB O/E
1/5 V TIMING
1/5 L;YBID
3/5 ENR ON
1/5 L;VBLK 1
1/5 L;CBLK 1
1/5 L;DT
3/5 SCK 2
3/5 S DATA OUT
3/5 STRB
3/5 DTSTB
1/5 C DATA 0-9
1/5 L;SECAM
3/5 MODE 1
1/5 L;CBID
1/5 RCK 2
1/5 MRCK2
1/5 MRCK1
1/5 L;VBLK 2
1/5 L;CBLK 2
1/5 L;C OFF



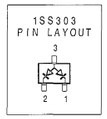
	TBC-23 MCB	TBC-23PG MCB TBC-23P MCB
R137	:NM	0
R138	0	:NM

TABLE A

LOT NO.	R141
312-404	0
405-406	:NM
407-603	0

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED

1SS303 PIN LAYOUT



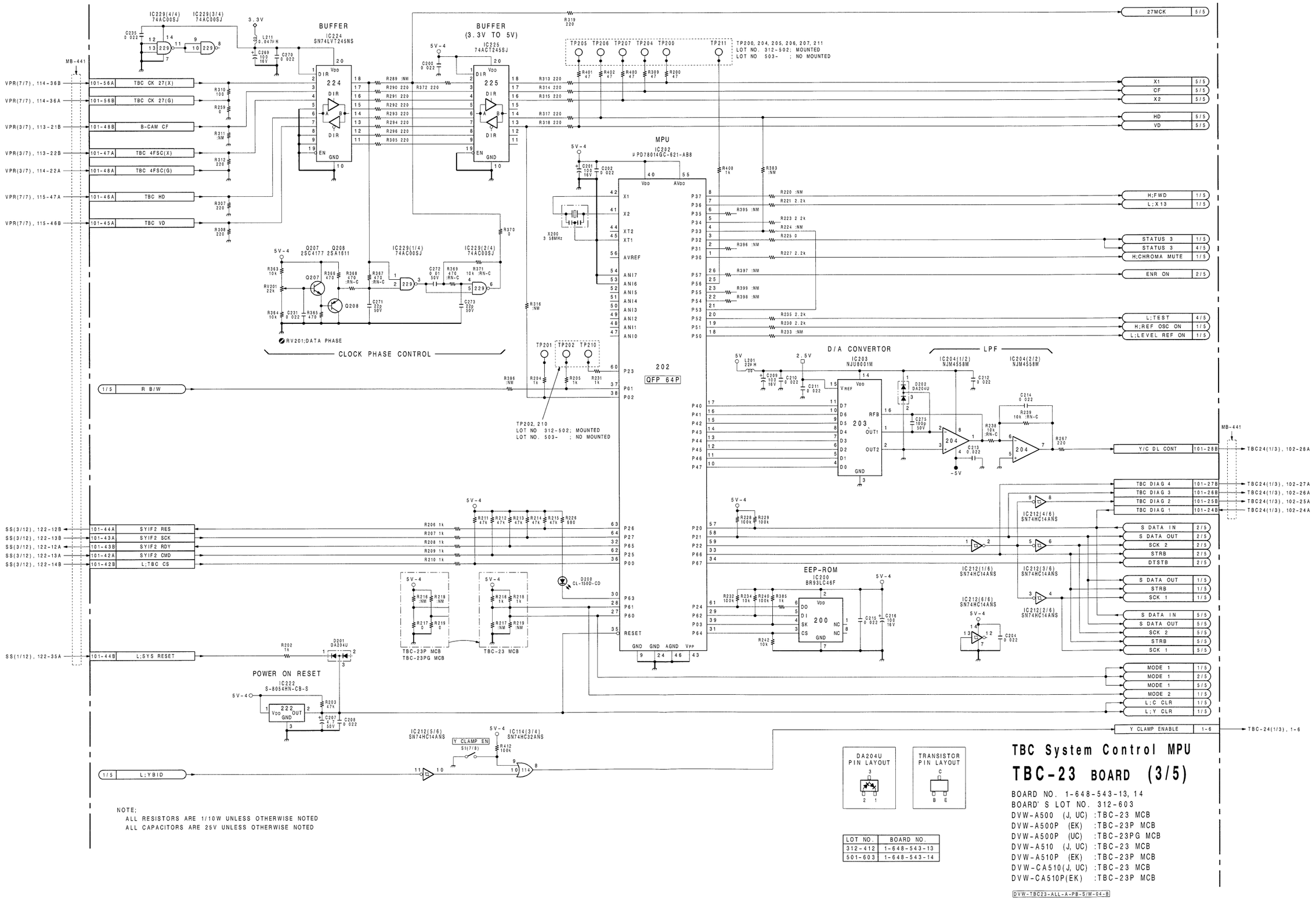
LOT NO.	BOARD NO.
312-412	1-648-543-13
501-603	1-648-543-14

TBC Sequence

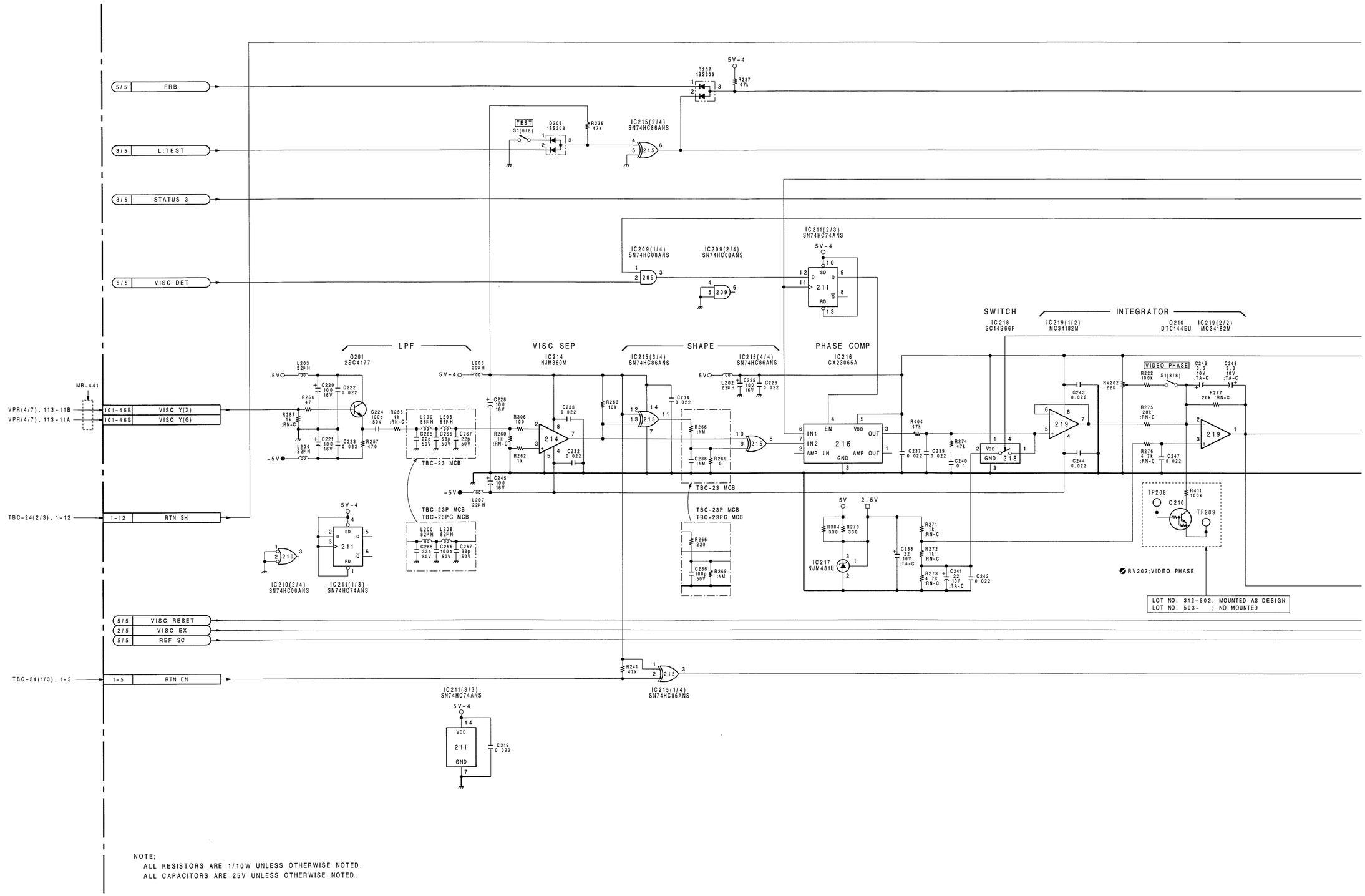
TBC-23 BOARD (2/5)

BOARD NO. 1-648-543-13, 14
BOARD' S LOT NO. 312-603
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510(J, UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

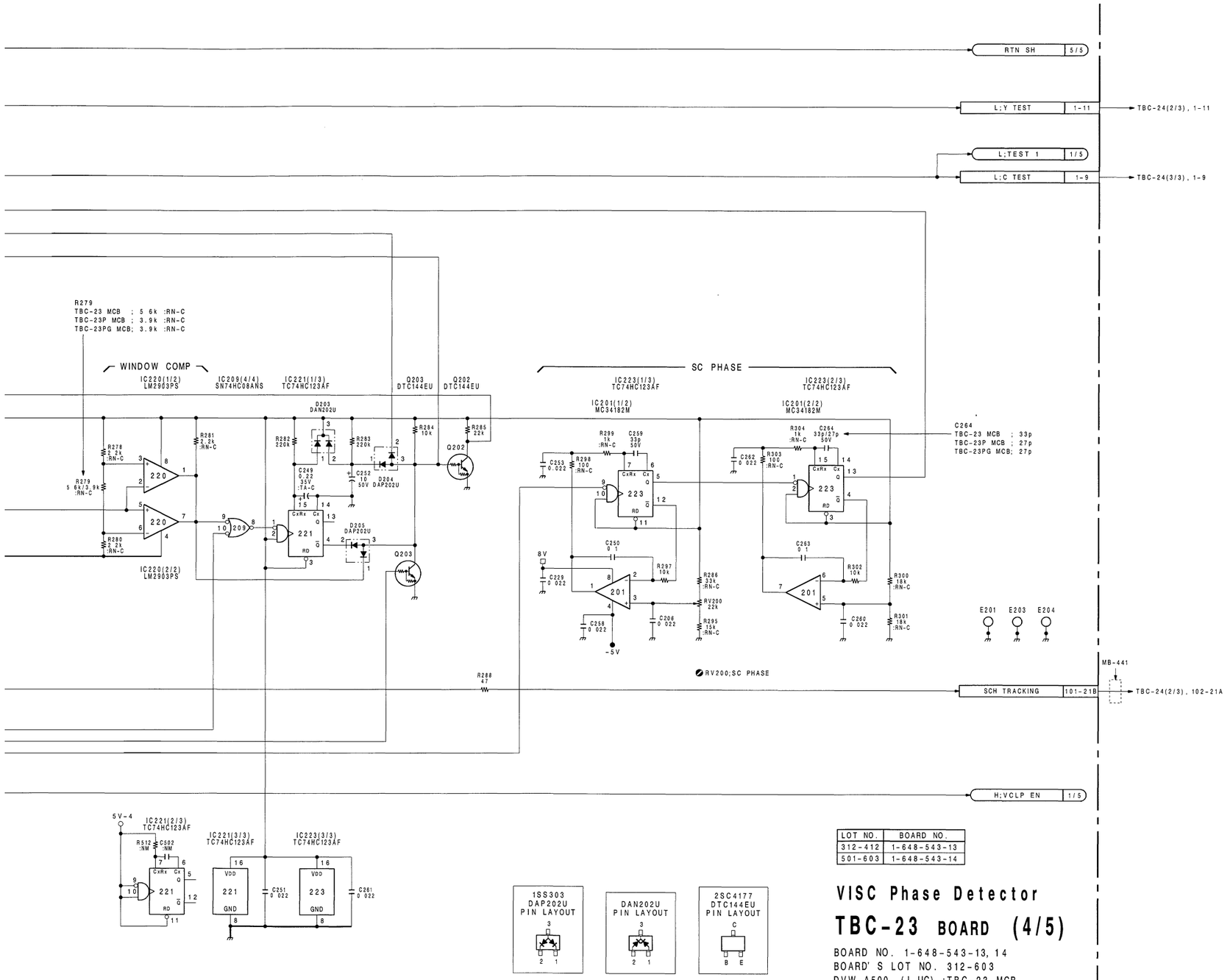
DVW-TBC23-ALL-A-PB-S/M-04-B



LOT NO.	BOARD NO.
312-412	1-648-543-13
501-603	1-648-543-14



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



LOT NO.	BOARD NO.
312-412	1-648-543-13
501-603	1-648-543-14

1SS303 DAP202U PIN LAYOUT

DAN202U PIN LAYOUT

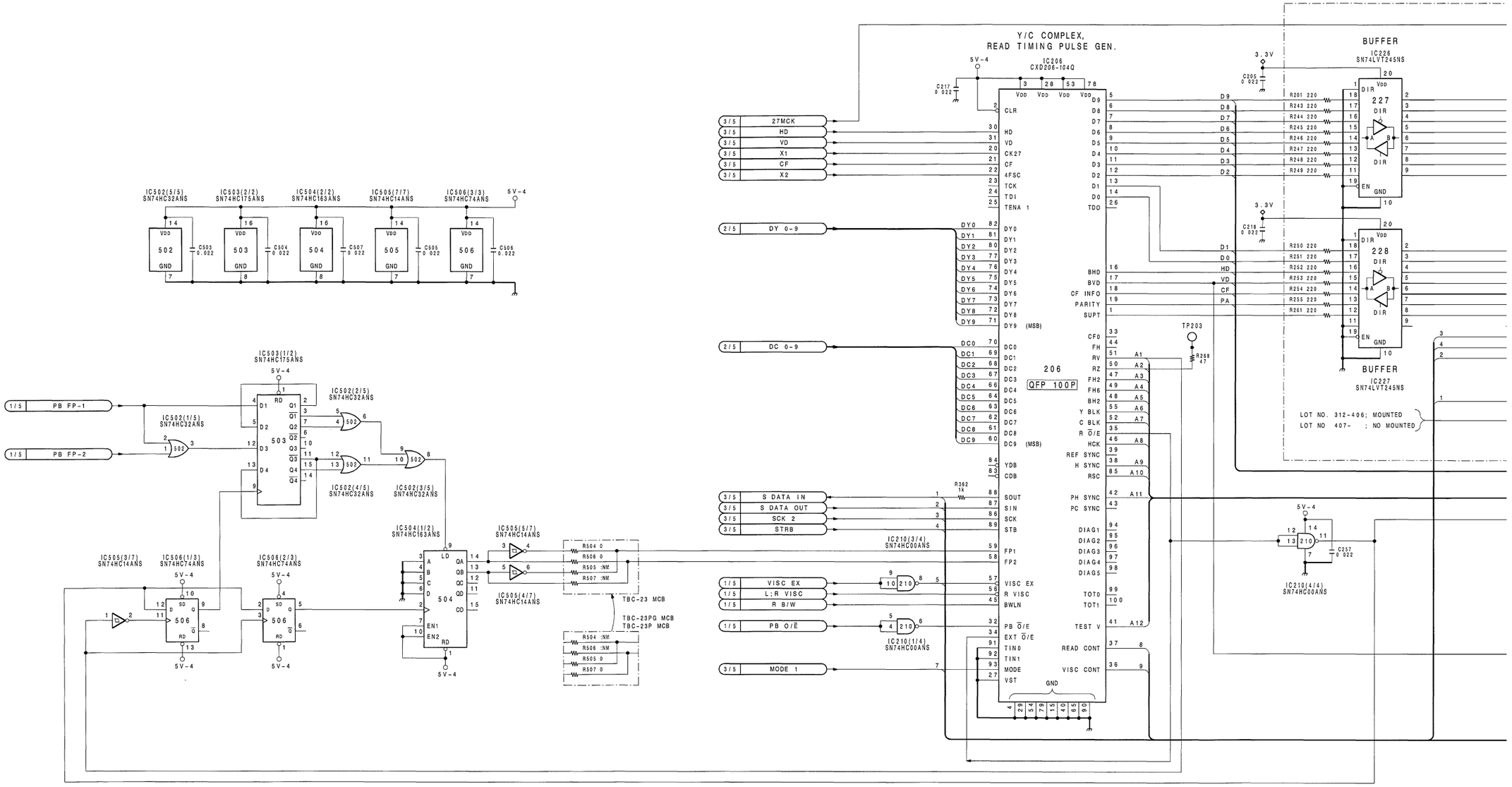
2SC4177 DTC144EU PIN LAYOUT

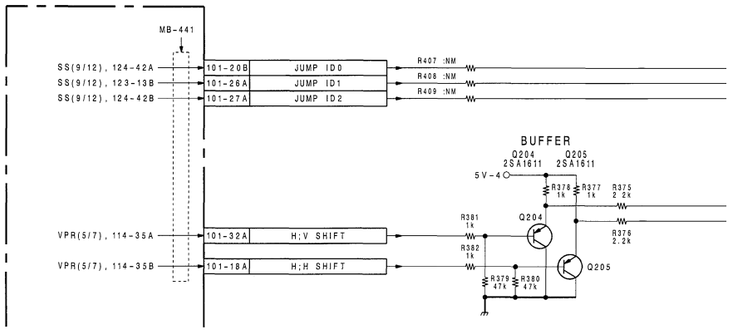
VISC Phase Detector

TBC-23 BOARD (4/5)

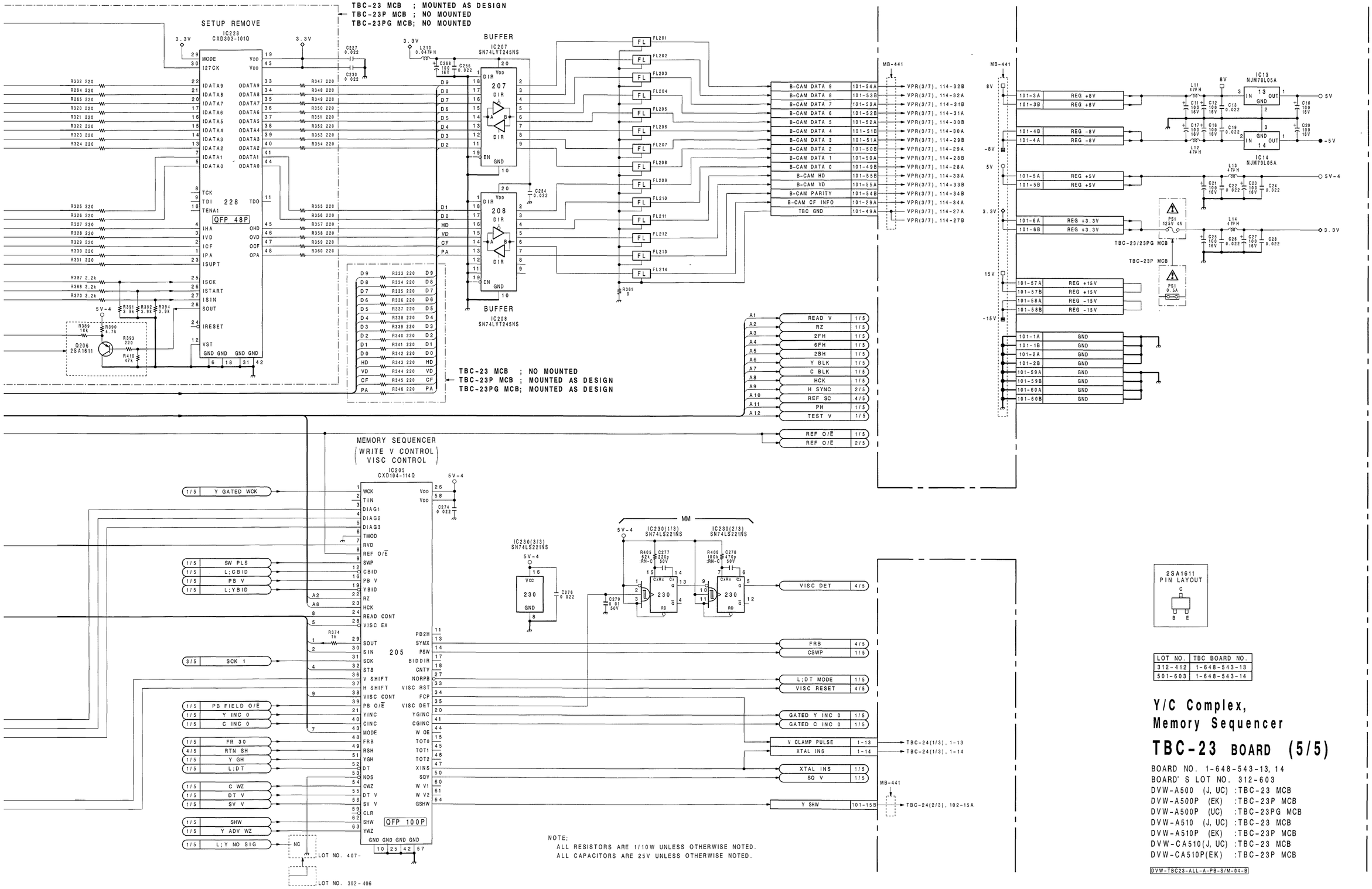
BOARD NO. 1-648-543-13, 14
BOARD' S LOT NO. 312-603
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510(J, UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

DVW-TBC23-ALL-A-PB-S/M-04-B


Y/C COMPLEX,
READ TIMING PULSE GEN.
IC206
CXD206-104Q
206
QFP 100P
BUFFER
IC226
SN74LVT245NS
227
228
BUFFER
IC227
SN74LVT245NS
LOT NO. 312-406; MOUNTED
LOT NO 407- ; NO MOUNTED
IC502(5/5) SN74HC32ANS
IC503(2/2) SN74HC175ANS
IC504(2/2) SN74HC163ANS
IC505(7/7) SN74HC14ANS
IC506(3/3) SN74HC74ANS
IC503(1/2) SN74HC175ANS
IC502(1/5) SN74HC32ANS
IC502(2/5) SN74HC32ANS
IC502(4/5) SN74HC32ANS
IC502(3/5) SN74HC32ANS
IC504(1/2) SN74HC163ANS
IC505(5/7) SN74HC14ANS
IC505(4/7) SN74HC14ANS
IC505(3/7) SN74HC14ANS
IC506(1/3) SN74HC74ANS
IC506(2/3) SN74HC74ANS
IC210(3/4) SN74HC00ANS
IC210(1/4) SN74HC00ANS
IC210(4/4) SN74HC00ANS
TBC-23 MCB
TBC-23PG MCB
TBC-23P MCB
TP203
27MCK
HD
VD
X1
CF
X2
DY 0-9
DC 0-9
S DATA IN
S DATA OUT
SCK 2
STRB
MODE 1
VISC EX
L;R VISC
R B/W
PB O/E
GND


MB-441
JUMP ID0
JUMP ID1
JUMP ID2
BUFFER
Q204 2SA1611
Q205 2SA1611
H;V SHIFT
H;H SHIFT

TBC-23 (5/5)



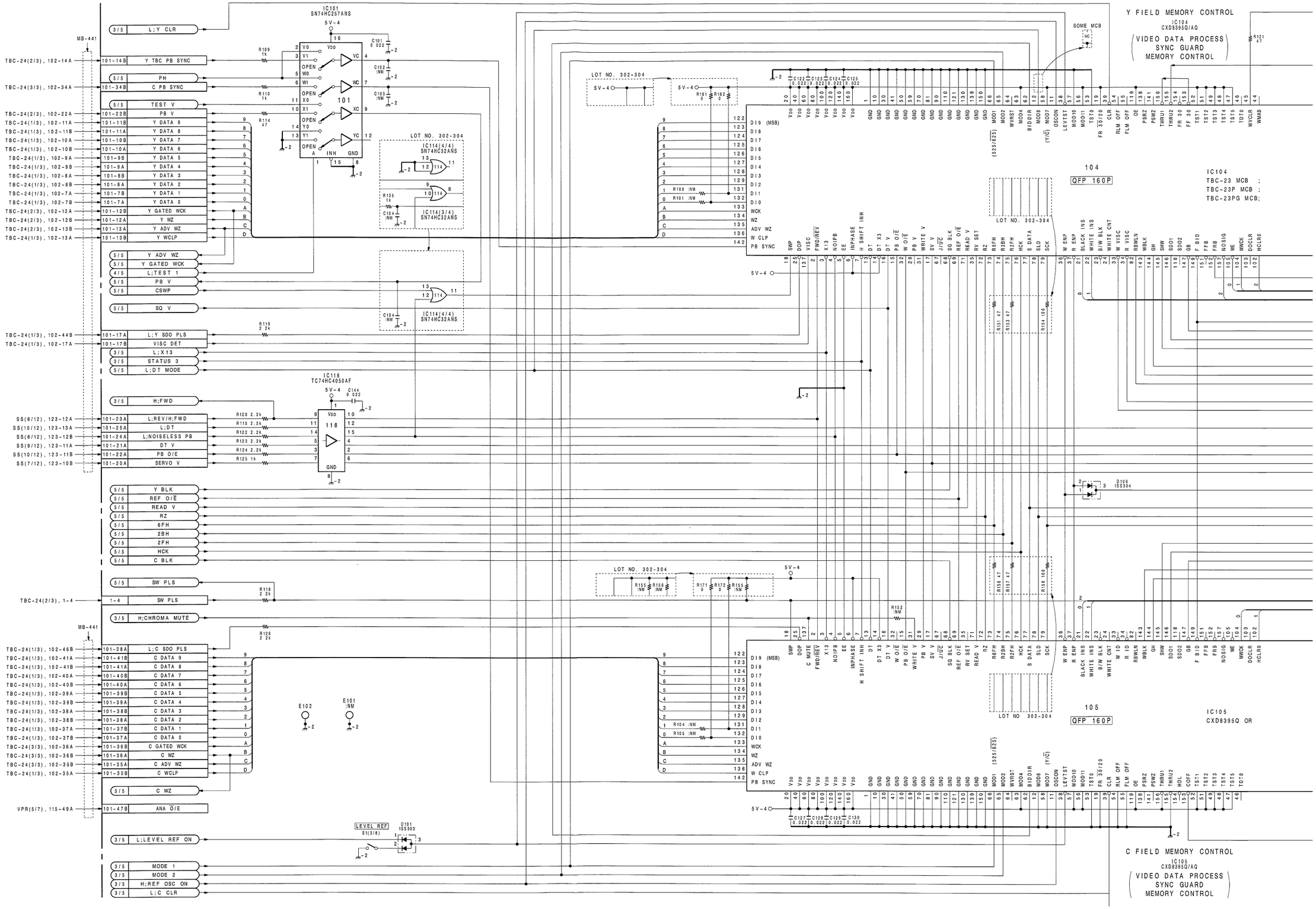
LOT NO.	TBC BOARD NO.
312-412	1-648-543-13
501-603	1-648-543-14

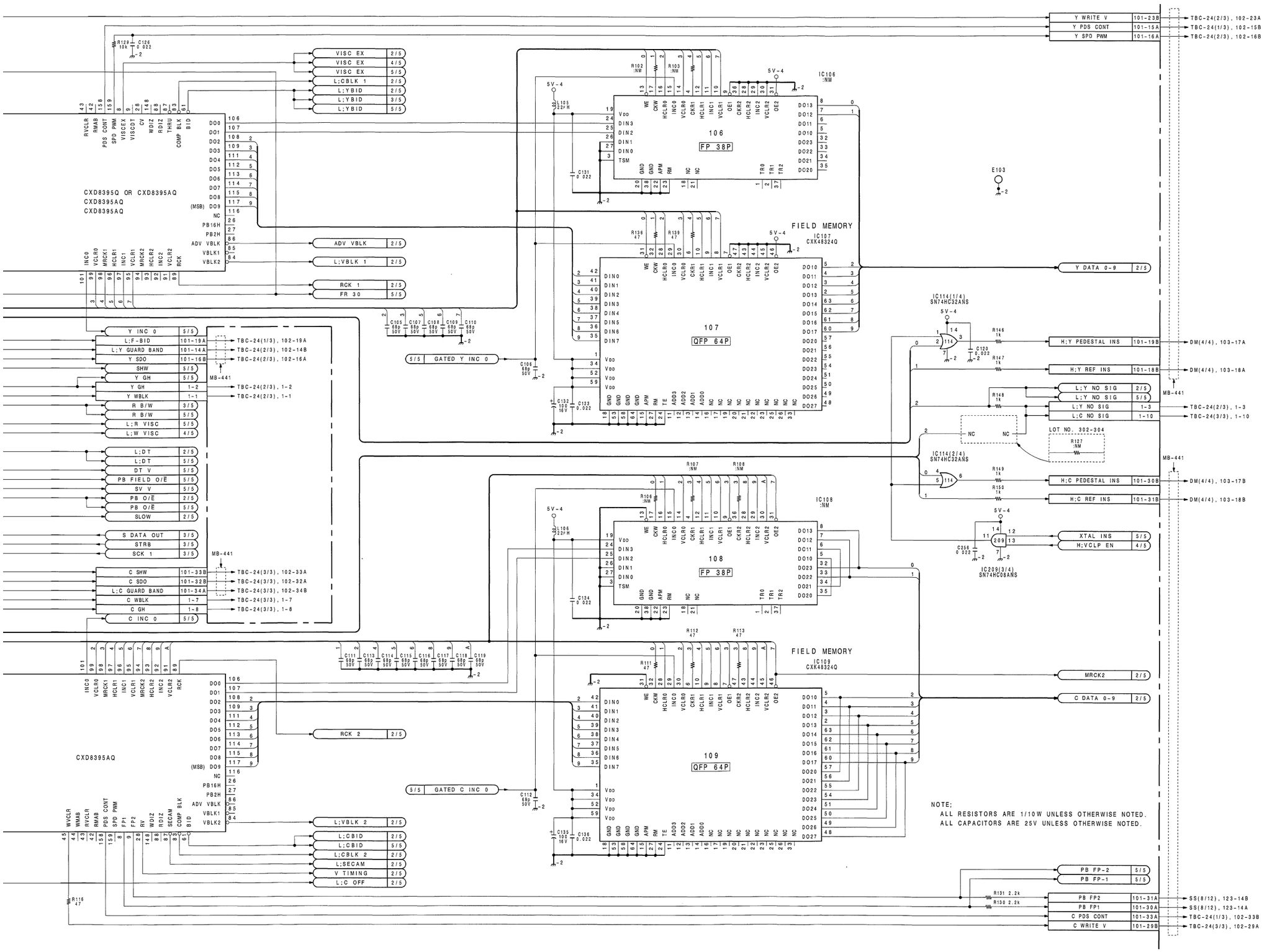
Y/C Complex, Memory Sequencer

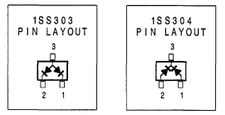
TBC-23 BOARD (5/5)

BOARD NO. 1-648-543-13, 14
BOARD' S LOT NO. 312-603
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510(J, UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

DVW-TBC23-ALL-A-PB-S/M-04-B


Y FIELD MEMORY CONTROL
IC104
CXD8395Q/AQ
VIDEO DATA PROCESS
SYNC GUARD
MEMORY CONTROL
C FIELD MEMORY CONTROL
IC105
CXD8395Q/AQ
VIDEO DATA PROCESS
SYNC GUARD
MEMORY CONTROL
IC101
SN74HC257ANS
IC114/4/4)
SN74HC32ANS
IC114/3/4)
SN74HC32ANS
IC118
TC74HC4050AF
LOT NO. 302-304
SOME MCB
IC104
TBC-23 MCB ;
TBC-23P MCB ;
TBC-23PG MCB;
IC105
CXD8395Q OR
104
105
QFP 160P
LOT NO 302-304
MB-441
LEVEL REF
D101
1SS303
D106
1SS304
E101
:NM
E102
L;Y CLR
Y TBC PB SYNC
PH
C PB SYNC
TEST V
PB V
Y DATA 9
Y DATA 8
Y DATA 7
Y DATA 6
Y DATA 5
Y DATA 4
Y DATA 3
Y DATA 2
Y DATA 1
Y DATA 0
Y GATED WCK
Y WZ
Y ADV WZ
Y WCLP
Y ADV WZ
Y GATED WCK
L;TEST 1
PB V
CSWP
SQ V
L;Y SDO PLS
VISC DET
L;X13
STATUS 3
L;DT MODE
H;FWD
L;REV/H;FWD
L;DT
L;NOISELESS PB
DT V
PB O/E
SERVO V
Y BLK
REF O/E
READ V
RZ
6FH
2BH
2FH
HCK
C BLK
SW PLS
SW PLS
H;CHROMA MUTE
L;C SDO PLS
C DATA 9
C DATA 8
C DATA 7
C DATA 6
C DATA 5
C DATA 4
C DATA 3
C DATA 2
C DATA 1
C DATA 0
C GATED WCK
C WZ
C ADV WZ
C WCLP
C WZ
ANA O/E
L;LEVEL REF ON
MODE 1
MODE 2
H;REF OSC ON
L;C CLR
TBC-24(2/3), 102-14A
TBC-24(3/3), 102-34A
TBC-24(2/3), 102-22A
TBC-24(1/3), 102-11A
TBC-24(1/3), 102-11B
TBC-24(1/3), 102-10A
TBC-24(1/3), 102-10B
TBC-24(1/3), 102-9A
TBC-24(1/3), 102-9B
TBC-24(1/3), 102-8A
TBC-24(1/3), 102-8B
TBC-24(1/3), 102-7A
TBC-24(1/3), 102-7B
TBC-24(2/3), 102-12A
TBC-24(2/3), 102-12B
TBC-24(2/3), 102-13B
TBC-24(1/3), 102-13A
TBC-24(1/3), 102-44B
TBC-24(1/3), 102-17A
SS(8/12), 123-12A
SS(10/12), 123-13A
SS(8/12), 123-12B
SS(9/12), 123-11A
SS(10/12), 123-11B
SS(7/12), 123-10B
TBC-24(2/3), 1-4
TBC-24(1/3), 102-46B
TBC-24(1/3), 102-41A
TBC-24(1/3), 102-41B
TBC-24(1/3), 102-40A
TBC-24(1/3), 102-40B
TBC-24(1/3), 102-39A
TBC-24(1/3), 102-39B
TBC-24(1/3), 102-38A
TBC-24(1/3), 102-38B
TBC-24(1/3), 102-37A
TBC-24(1/3), 102-37B
TBC-24(3/3), 102-36A
TBC-24(3/3), 102-36B
TBC-24(3/3), 102-35B
TBC-24(1/3), 102-35A
VPR(5/7), 115-49A





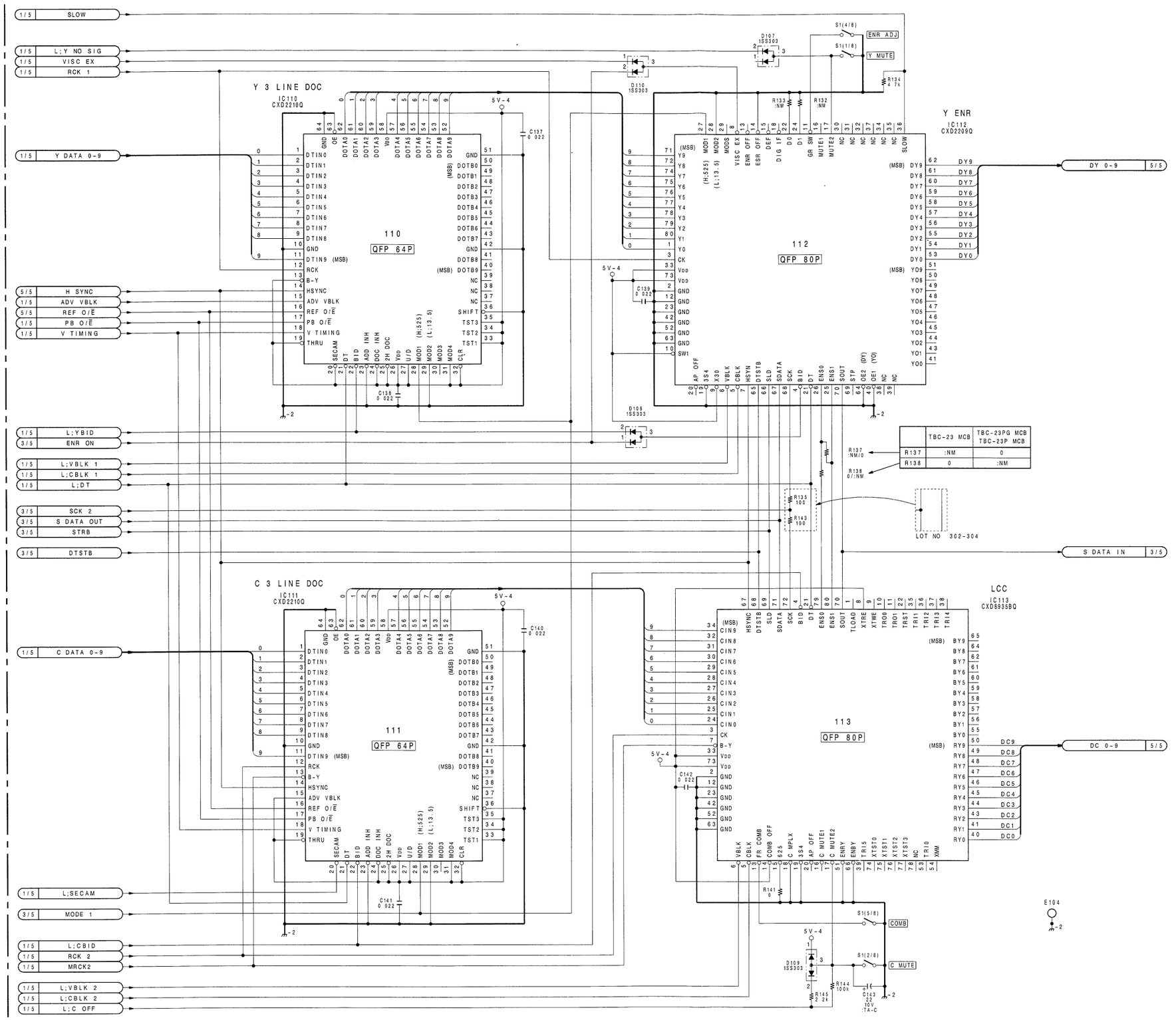
LOT NO.	BOARD NO.
302-304	1-648-543-11
305-311	1-648-543-12

Y/C Data Memory Control, Field Memory

TBC-23 BOARD (1/5)

BOARD NO. 1-648-543-11, 12
BOARD' S LOT NO. 302-311
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510 (UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

DVW-TBC23-ALL-A-PB-S/M-04-A



	TBC-23 MCB	TBC-23PG MCB TBC-23P MCB
R137	:NM	0
R138	0	:NM

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

1SS303 PIN LAYOUT

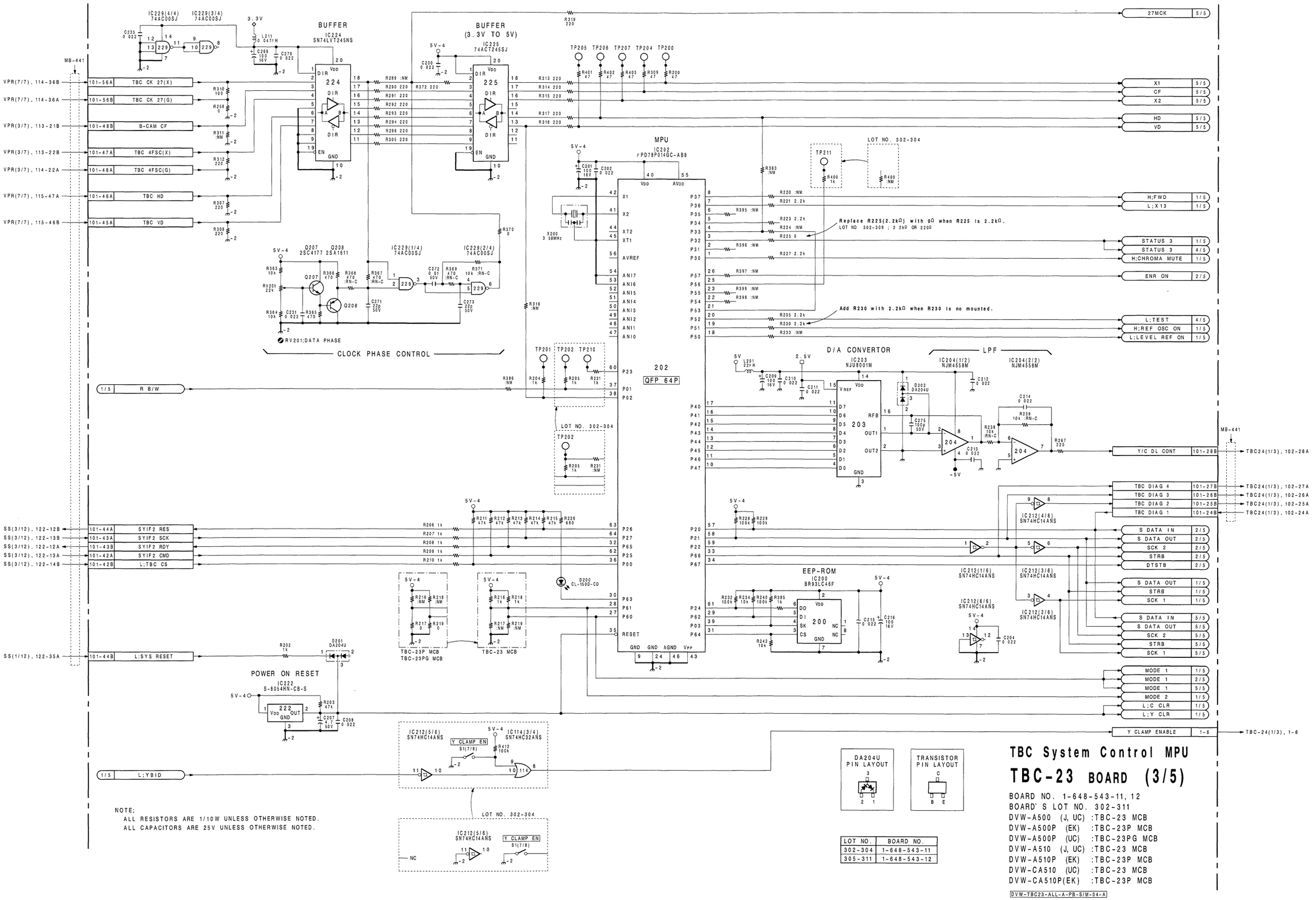
LOT NO.	BOARD NO.
302-304	1-648-543-11
305-311	1-648-543-12

TBC Sequence

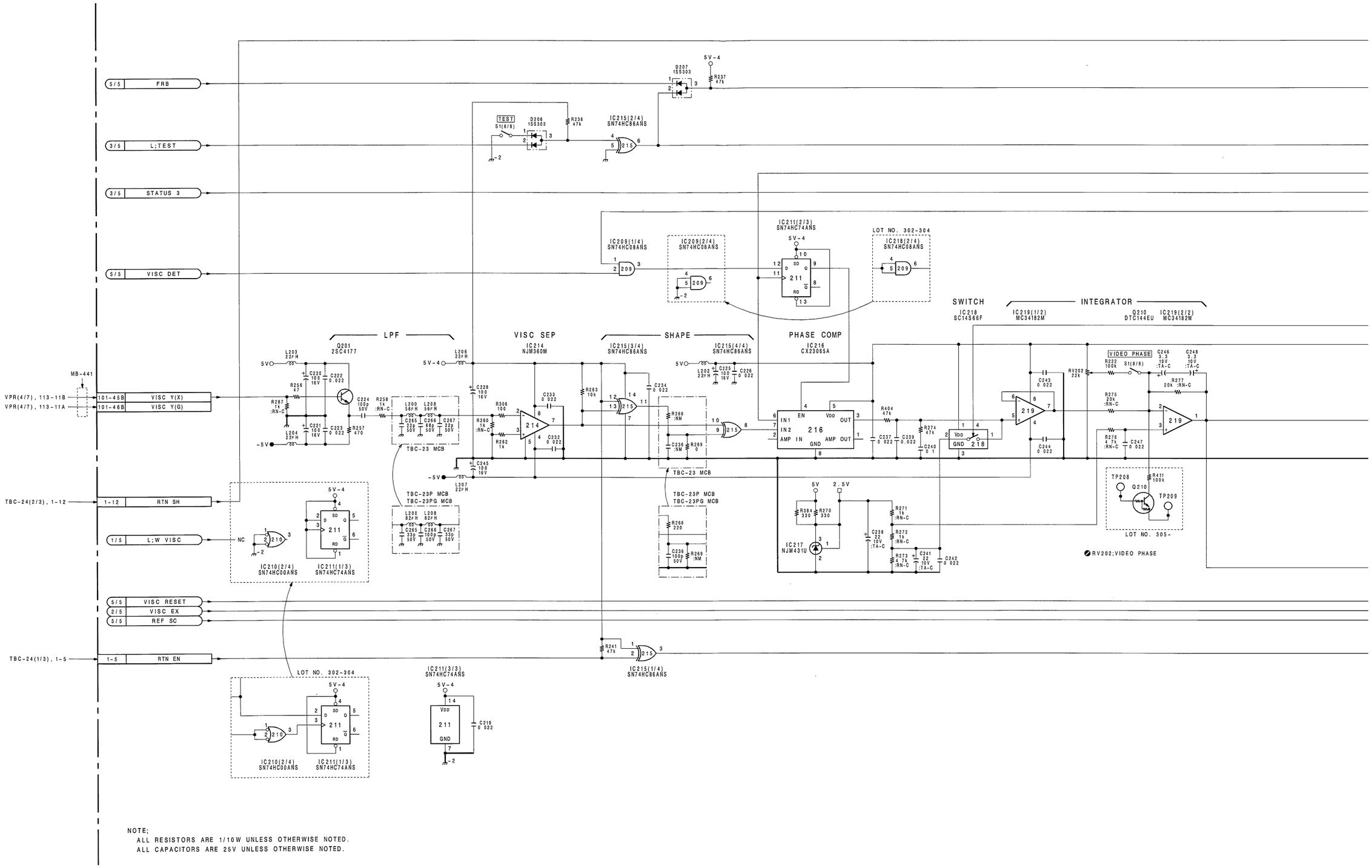
TBC-23 BOARD (2/5)

BOARD NO. 1-648-543-11, 12
BOARD' S LOT NO. 302-311
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510 (UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

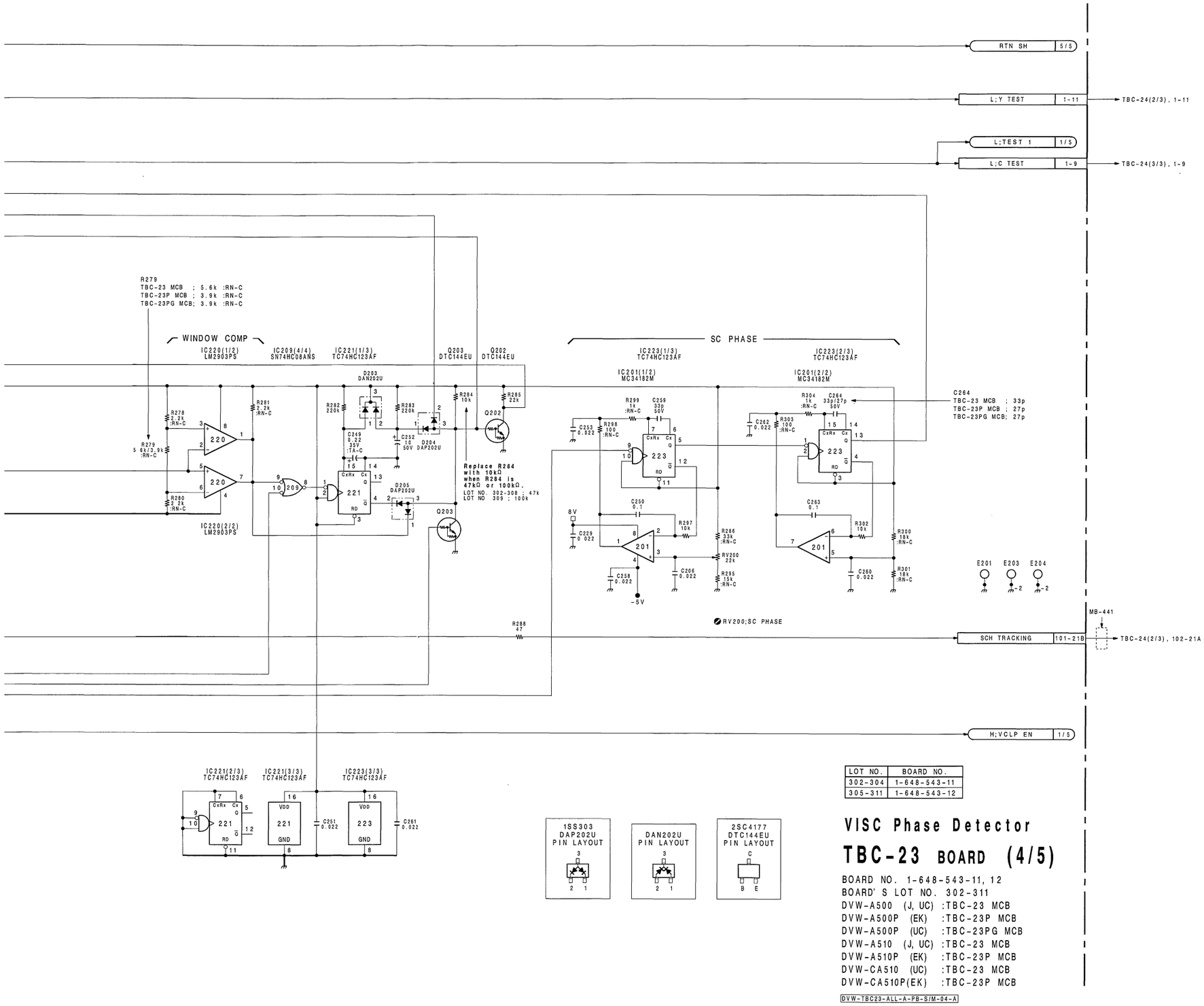
DVW-TBC23-ALL-A-PB-S/M-04-A



LOT NO.	BOARD NO.
302-304	1-648-543-11
305-311	1-648-543-12



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



LOT NO.	BOARD NO.
302-304	1-648-543-11
305-311	1-648-543-12

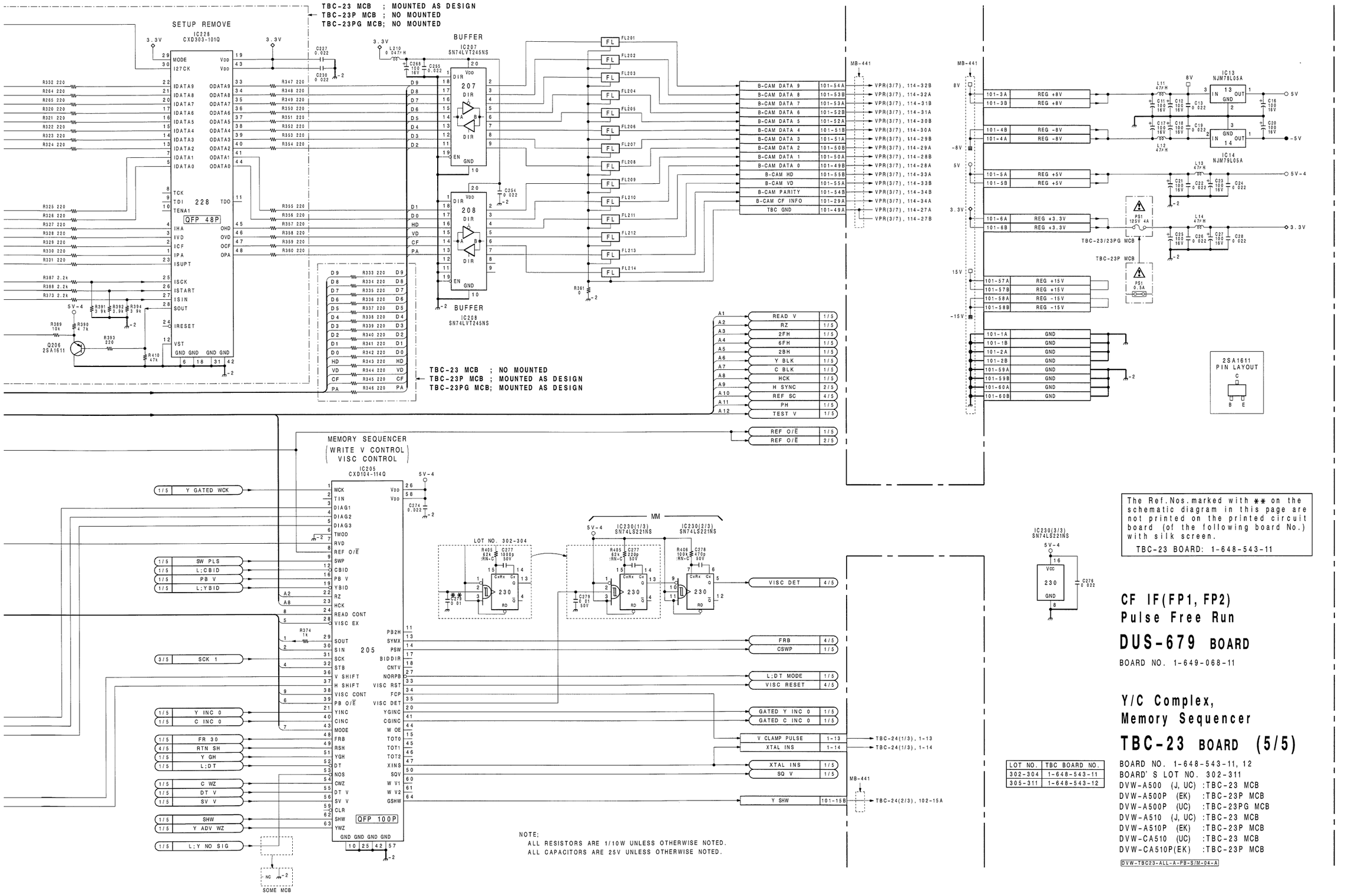
VISC Phase Detector

TBC-23 BOARD (4/5)

BOARD NO. 1-648-543-11, 12
BOARD' S LOT NO. 302-311
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510 (UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

DVW-TBC23-ALL-A-PB-S/M-04-A

DUS-679 BOARD
Y/C COMPLEX, READ TIMING PULSE GEN.
IC206 CXD2095-104Q
206
QFP 100P
BUFFER
IC226 SN74LVT245NS
IC227 SN74LVT245NS
IC1(6/6) SN74HC04ANS
IC2(5/5) SN74HC32ANS
IC3(3/3) SN74HC74ANS
IC4(3/3) SN74HC74ANS
IC5(3/3) SN74HC74ANS
IC6(2/2) SN74HC163ANS
IC5(1/3) SN74HC74ANS
IC5(2/3) SN74HC74ANS
IC2(2/5) SN74HC32ANS
IC2(1/5) SN74HC32ANS
IC1(1/6) SN74HC04ANS
IC4(1/3) SN74HC74ANS
IC4(2/3) SN74HC74ANS
IC2(4/5) SN74HC32ANS
IC2(3/5) SN74HC32ANS
IC1(2/6) SN74HC04ANS
IC3(1/3) SN74HC74ANS
IC1(3/6) SN74HC04ANS
IC3(2/3) SN74HC74ANS
IC6(1/2) SN74HC163ANS
IC1(5/6) SN74HC04ANS
IC1(4/6) SN74HC04ANS
IC210(3/4) SN74HC00ANS
IC210(1/4) SN74HC00ANS
IC210(4/4) SN74HC00ANS
CONNECTED TO E101 BY SIL PLUG 2P.
TBC-23PG MCB
TBC-23P MCB
TBC-23 MCB
SOME MCB
PB FP-1
PB FP-2
27MCK
HD
VD
X1
CF
X2
DY 0-9
DC 0-9
S DATA IN
S DATA OUT
SCK 2
STRB
VISC EX
L;R VISC
R B/W
PB O/E
PB FIELD O/E
MODE 1
TP203
R253 TBC-23 MCB : 220 TBC-23P MCB: NO MOUNTED TBC-23PG MCB: NO MOUNTED
R253 220/:NM
LOT NO. 302-304
R253 220/47
R253 TBC-23 MCB : 220 TBC-23P MCB: 47
MB-441
SS(9/12), 124-42A
SS(9/12), 123-13B
SS(9/12), 124-42B
101-20B JUMP ID0
101-26A JUMP ID1
101-27A JUMP ID2
R407 :NM
R408 :NM
R409 :NM
VPR(5/7), 114-35A
VPR(5/7), 114-35B
101-32A H;V SHIFT
101-18A H;H SHIFT
Q204 2SA1611
Q205 2SA1611



The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

TBC-23 BOARD: 1-648-543-11

CF IF(FP1, FP2) Pulse Free Run

DUS-679 BOARD

BOARD NO. 1-649-068-11

Y/C Complex, Memory Sequencer

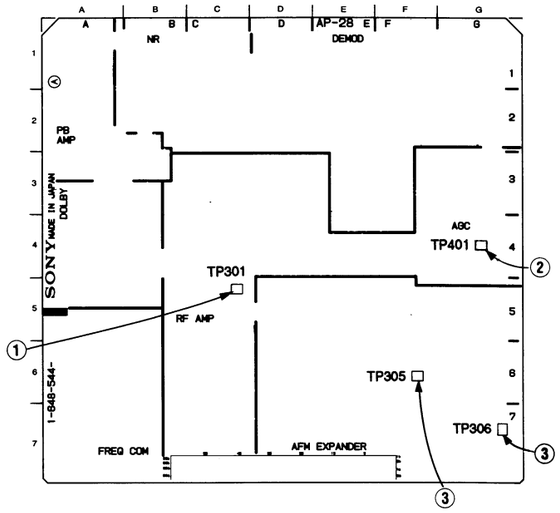
TBC-23 BOARD (5/5)

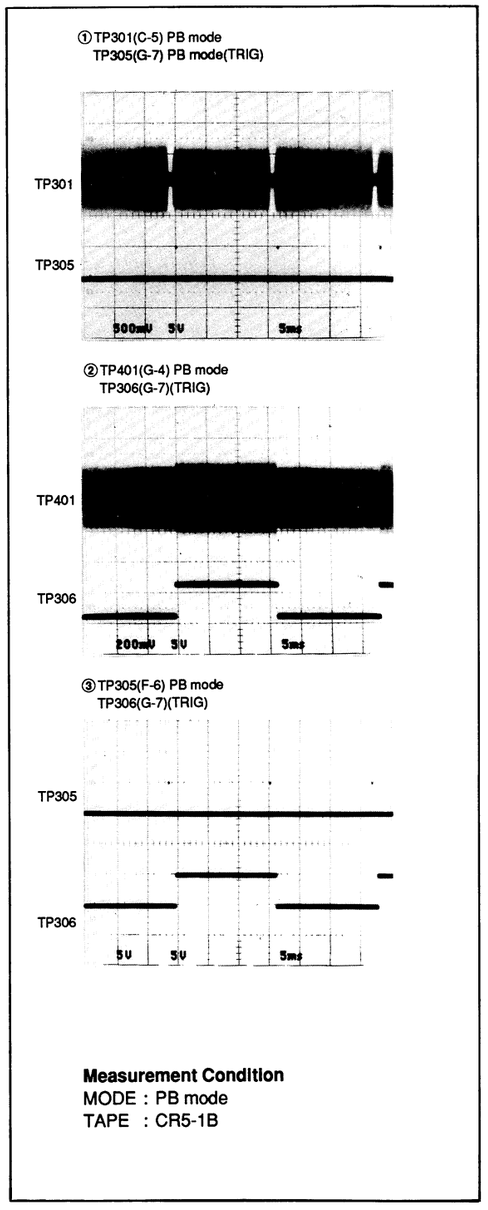
BOARD NO. 1-648-543-11, 12
BOARD' S LOT NO. 302-311
DVW-A500 (J, UC) :TBC-23 MCB
DVW-A500P (EK) :TBC-23P MCB
DVW-A500P (UC) :TBC-23PG MCB
DVW-A510 (J, UC) :TBC-23 MCB
DVW-A510P (EK) :TBC-23P MCB
DVW-CA510 (UC) :TBC-23 MCB
DVW-CA510P(EK) :TBC-23P MCB

LOT NO.	TBC BOARD NO.
302-304	1-648-543-11
305-311	1-648-543-12

DVW-TBC23-ALL-A-PB-S/M-04-A

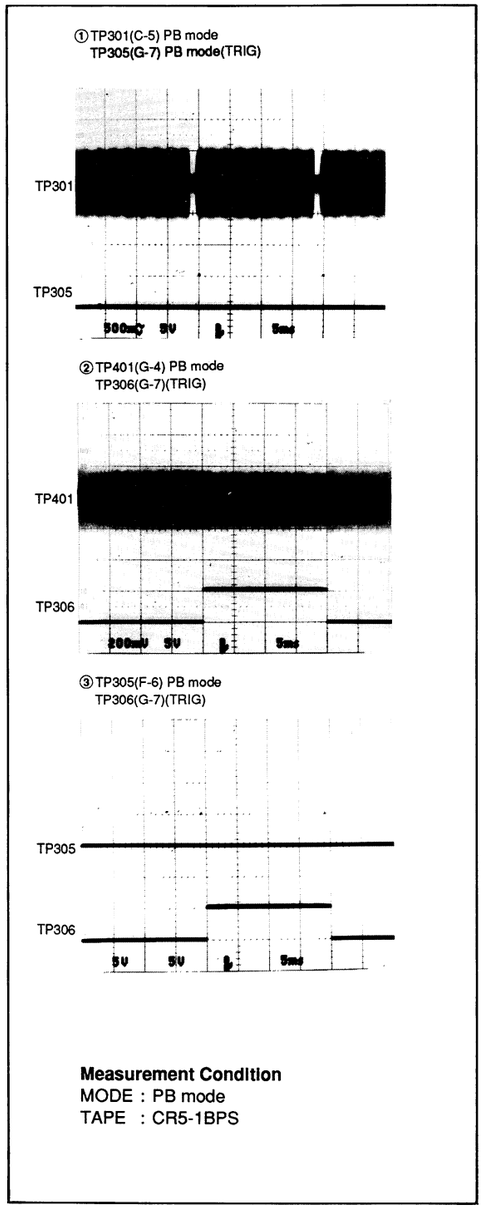
AP-28 Board -A Side-





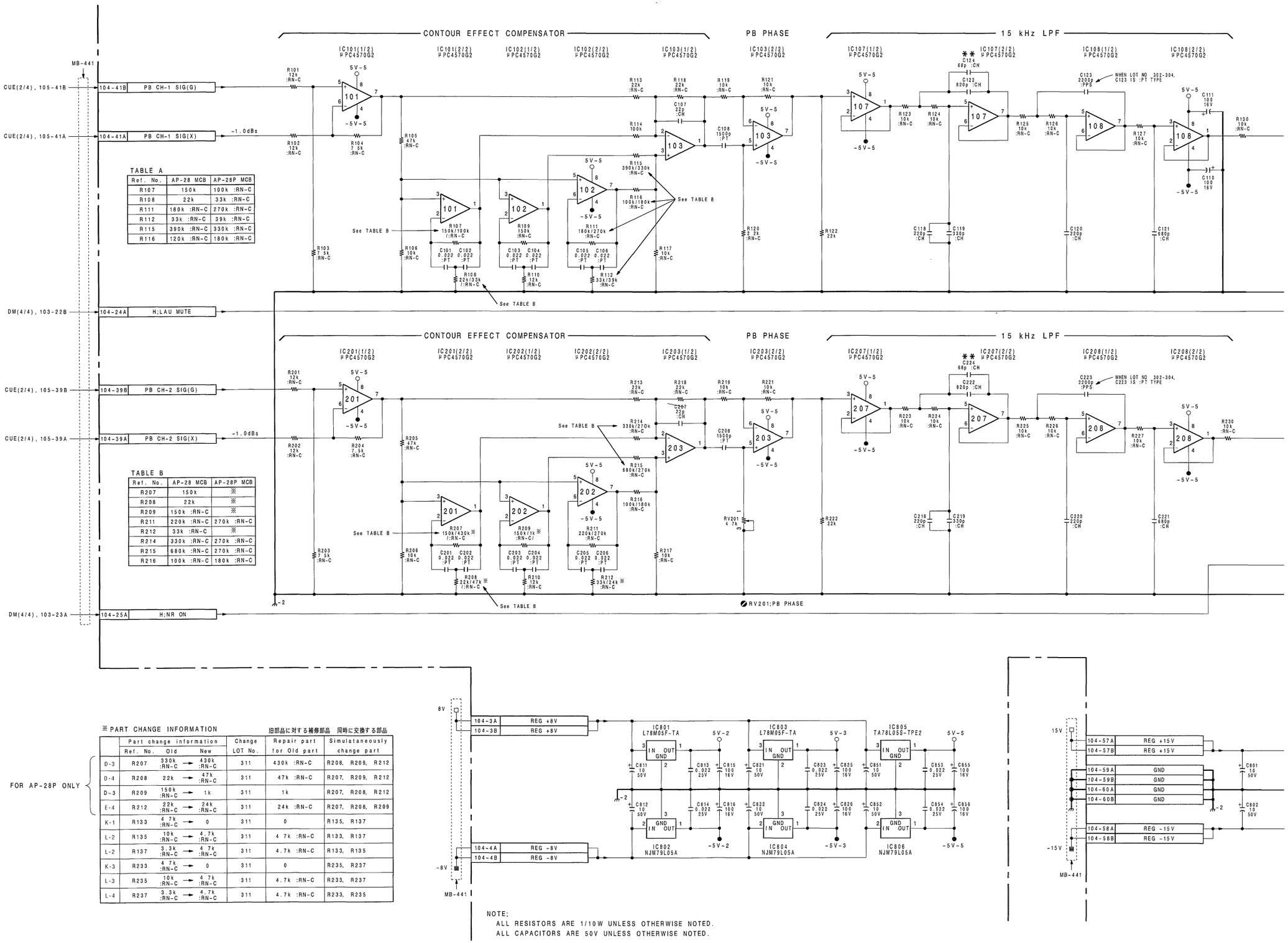
Measurement Condition
MODE : PB mode
TAPE : CR5-1B

For DVW-A500/A510/CA510



Measurement Condition
MODE : PB mode
TAPE : CR5-1BPS

For DVW-A500P/A510P/CA510P



※ PART CHANGE INFORMATION

旧部品に対する補修部品 同時に交換する部品

	Part change information Ref. No.	Old	New	Change LOT No.	Repair part for Old part	Simulataneously change part
FOR AP-28P ONLY	D-3 R207	330k :RN-C	430k :RN-C	311	430k :RN-C	R208, R209, R212
	D-4 R208	22k	47k :RN-C	311	47k :RN-C	R207, R209, R212
	D-3 R209	150k :RN-C	1k	311	1k	R207, R208, R212
	E-4 R212	22k :RN-C	24k :RN-C	311	24k :RN-C	R207, R208, R209
	K-1 R133	4.7k :RN-C	0	311	0	R135, R137
	L-2 R135	10k :RN-C	4.7k :RN-C	311	4.7k :RN-C	R133, R137
	L-2 R137	3.3k :RN-C	4.7k :RN-C	311	4.7k :RN-C	R133, R135
	K-3 R233	4.7k :RN-C	0	311	0	R235, R237
	L-3 R235	10k :RN-C	4.7k :RN-C	311	4.7k :RN-C	R233, R237
	L-4 R237	3.3k :RN-C	4.7k :RN-C	311	4.7k :RN-C	R233, R235

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

AP-28 BOARD: 1-648-544-11

TRANSISTOR PIN LAYOUT

C
B E

BUFFER IC106(1/2) TL082CPS

AMP IC110(1/2) μPC4570G2

Q101 :NM Q102 :NM Q103 :NM

RV102 4.7k PB • • • -24.9dBs

C112 47 35V

※R133 0 -4.7dBs

C114 10 50V

C115 10 50V

RV103 10k

R132 10k

TP102 1 DOLBY

106

-7V

7V

Q102

R134 :NM

Q101

Q103

E101

12V

110

-12V

C116 47p :CH

※R135 4.7k :RN-C

※R136 2.2k :RN-C

※R137 4.7k :RN-C

C117 10 50V

1 PB TP103

-1.0dBs

R138 22k

B PB CH-1(X) 104-47A

B PB CH-1(G) 104-47B

MB-441

APR(1/9), 119-17A

APR(1/9), 119-17B

APR(1/9), 119-18A

APR(1/9), 119-18B

RV102:CH-1 DOLBY LEVEL

RV103:CH-1 PB LEVEL

DOLBY C NOISE REDUCTION

Q201 DTC144EU

IC105 SBX1645-01

BUFFER IC106(2/2) TL082CPS

AMP IC110(2/2) μPC4570G2

Q203 :NM

RV202 4.7k PB • • • -24.9dBs

C212 47 35V

※R233 0 -4.7dBs

C214 10 50V

C215 10 50V

RV203 10k

R232 10k

TP202 2 DOLBY

106

110

2 PB TP203

C217 10 50V

-1.0dBs

R238 22k

B PB CH-2(X) 104-49A

B PB CH-2(G) 104-49B

APR(1/9), 119-19A

APR(1/9), 119-19B

APR(1/9), 119-20A

APR(1/9), 119-20B

※R235 4.7k :RN-C

※R236 2.2k :RN-C

※R237 4.7k :RN-C

C216 47p :CH

R234 :NM

Q203

E201

C113 0.068 :PT

C213 0.068 :PT

NR ON TP204

R231 10k

Q201

105

REC/PB-2 REC OUT-2

REC/PB-1 REC OUT-1

SIG IN-2 LINE OUT-2

SIG IN-1 LINE OUT-1

TCL-2 D.POINT-2

TCL-1 D.POINT-1

ON/OFF NC

GND GND VEE GND GND

7V

-7V

RV202:CH-2 DOLBY LEVEL

RV203:CH-2 PB LEVEL

IC811 TA78L12S-TPE2

IC813 TA78L05S-TPE2

IC812 NJM79L12A

IC814 NJM79L05A

12V

-12V

7V

-7V

C803 0.022 25V

C804 0.022 25V

C805 100 16V

C806 100 16V

R871 240 :RN-C

R872 240 :RN-C

C871 0.022 25V

C872 0.022 25V

R873 1k

R874 1k

C873 100 16V

C874 100 16V

5V

3.3V

L801 47μH

C831 10 50V

C832 100 16V

C833 0.022 25V

PS1 :NM

3.3V

C810 :NM

LOT NO 302-304 ONLY

104-5A	REG +5V
104-5B	REG +5V
104-1A	GND
104-1B	GND
104-2A	GND
104-2B	GND
104-6A	REG +3.3V
104-6B	REG +3.3V
104-38A	GND
104-38B	GND
104-40A	GND
104-40B	GND
104-42A	GND
104-42B	GND
104-46A	GND
104-46B	GND
104-48A	GND
104-48B	GND

MB-441

LOT NO.	BOARD NO.
302-304	1-648-544-11
305-312	1-648-544-12
401-	1-648-544-13

Betacam PB LAU Process

AP-28 BOARD (1/3)

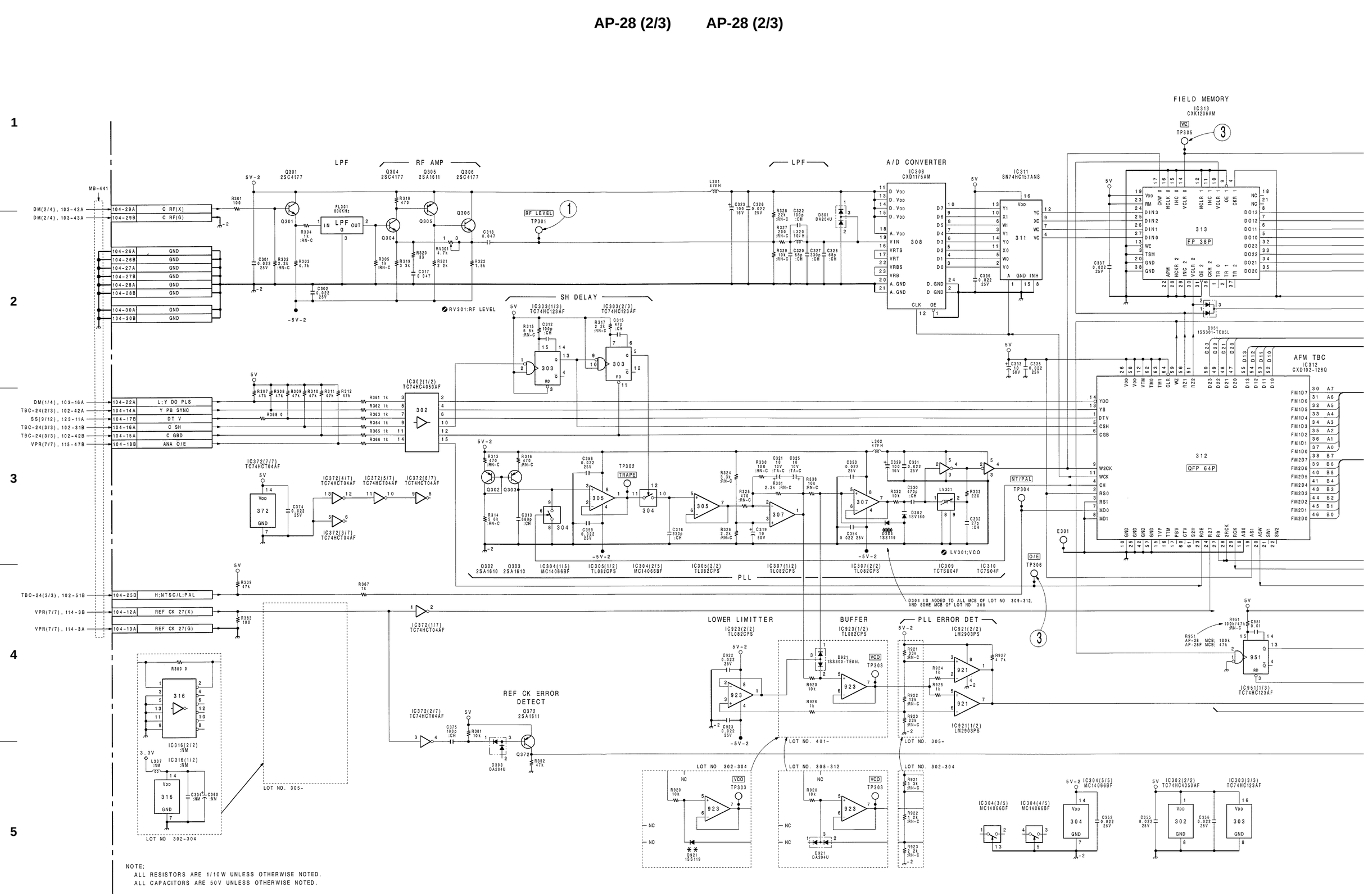
BOARD NO. 1-648-544-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :AP-28 MCB
DVW-A500P (EK) :AP-28P MCB
DVW-A500P (UC) :AP-28P MCB
DVW-A510 (J, UC) :AP-28 MCB
DVW-A510P (EK) :AP-28P MCB
DVW-CA510(J, UC) :AP-28 MCB
DVW-CA510P(EK) :AP-28P MCB

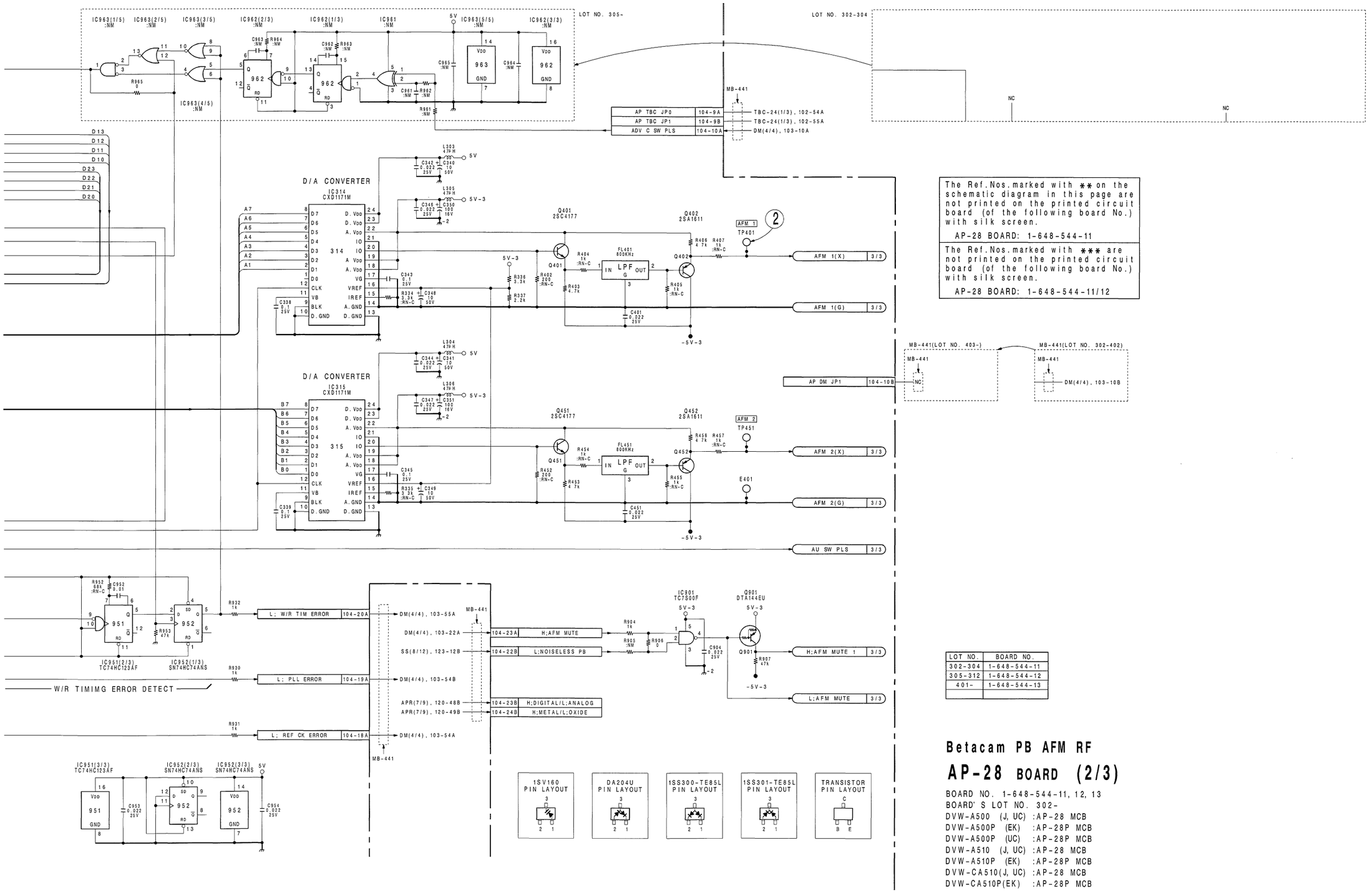
DVW-AP28-ALL-A-PB-S/M-04

I J K L M N O P

1 2 3 4 5

AP-28 (2/3)


FIELD MEMORY
IC313 CXK1206AM
TP305
LPF
RF AMP
Q301 2SC4177
Q304 2SC4177
Q305 2SA1611
Q306 2SC4177
FL301 800KHz
RF LEVEL
TP301
RV301:RF LEVEL
L301 47μH
A/D CONVERTER
IC308 CXD1175AM
IC311 SN74HC157ANS
SH DELAY
IC303(1/3) TC74HC123AF
IC303(2/3) TC74HC123AF
IC302(1/2) TC74HC4050AF
IC372(7/7) TC74HC04AF
IC372(4/7) TC74HC04AF
IC372(5/7) TC74HC04AF
IC372(6/7) TC74HC04AF
IC372(3/7) TC74HC04AF
IC372(1/7) TC74HC04AF
IC372(2/7) TC74HC04AF
IC316(2/2) :NM
IC316(1/2) :NM
LOT NO. 305-
LOT NO 302-304
REF CK ERROR DETECT
Q372 2SA1611
D303 DA204U
TP302 TRAPE
L302 47μH
Q302 2SA1610
Q303 2SA1610
IC304(1/5) MC14066BF
IC305(1/2) TL082CPS
IC304(2/5) MC14066BF
IC305(2/2) TL082CPS
IC307(1/2) TL082CPS
IC307(2/2) TL082CPS
IC309 TC7SU04F
IC310 TC7S04F
PLL
LV301:VCO
D304 IS ADDED TO ALL MCB OF LOT NO 309-312, AND SOME MCB OF LOT NO 308
NT/PAL
TP304
O/E
TP306
LOWER LIMITTER
IC923(2/2) TL082CPS
BUFFER
IC923(1/2) TL082CPS
PLL ERROR DET
IC921(2/2) LM2903PS
IC921(1/2) LM2903PS
LOT NO. 401-
LOT NO. 305-
LOT NO. 302-304
LOT NO. 302-304
LOT NO. 305-312
AFM TBC
IC312 CXD102-128Q
312
QFP 64P
313
FP 38P
IC304(3/5) MC14066BF
IC304(4/5) MC14066BF
IC304(5/5) MC14066BF
IC302(2/2) TC74HC4050AF
IC303(3/3) TC74HC123AF
IC951(1/3) TC74HC123AF
E301
MB-441
DM(2/4), 103-42A
DM(2/4), 103-43A
DM(1/4), 103-16A
TBC-24(2/3), 102-42A
SS(9/12), 123-11A
TBC-24(3/3), 102-31B
TBC-24(3/3), 102-42B
VPR(7/7), 115-47B
TBC-24(3/3), 102-51B
VPR(7/7), 114-3B
VPR(7/7), 114-3A
104-29A C RF(X)
104-29B C RF(G)
104-26A GND
104-26B GND
104-27A GND
104-27B GND
104-28A GND
104-28B GND
104-30A GND
104-30B GND
104-22A L;Y DO PLS
104-14A Y PB SYNC
104-17B DT V
104-16A C SH
104-15A C GBD
104-18B ANA Ō/E
104-25B H;NTSC/L;PAL
104-12A REF CK 27(X)
104-13A REF CK 27(G)
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

AP-28 BOARD: 1-648-544-11

The Ref.Nos. marked with *** are not printed on the printed circuit board (of the following board No.) with silk screen.

AP-28 BOARD: 1-648-544-11/12

LOT NO.	BOARD NO.
302-304	1-648-544-11
305-312	1-648-544-12
401-	1-648-544-13

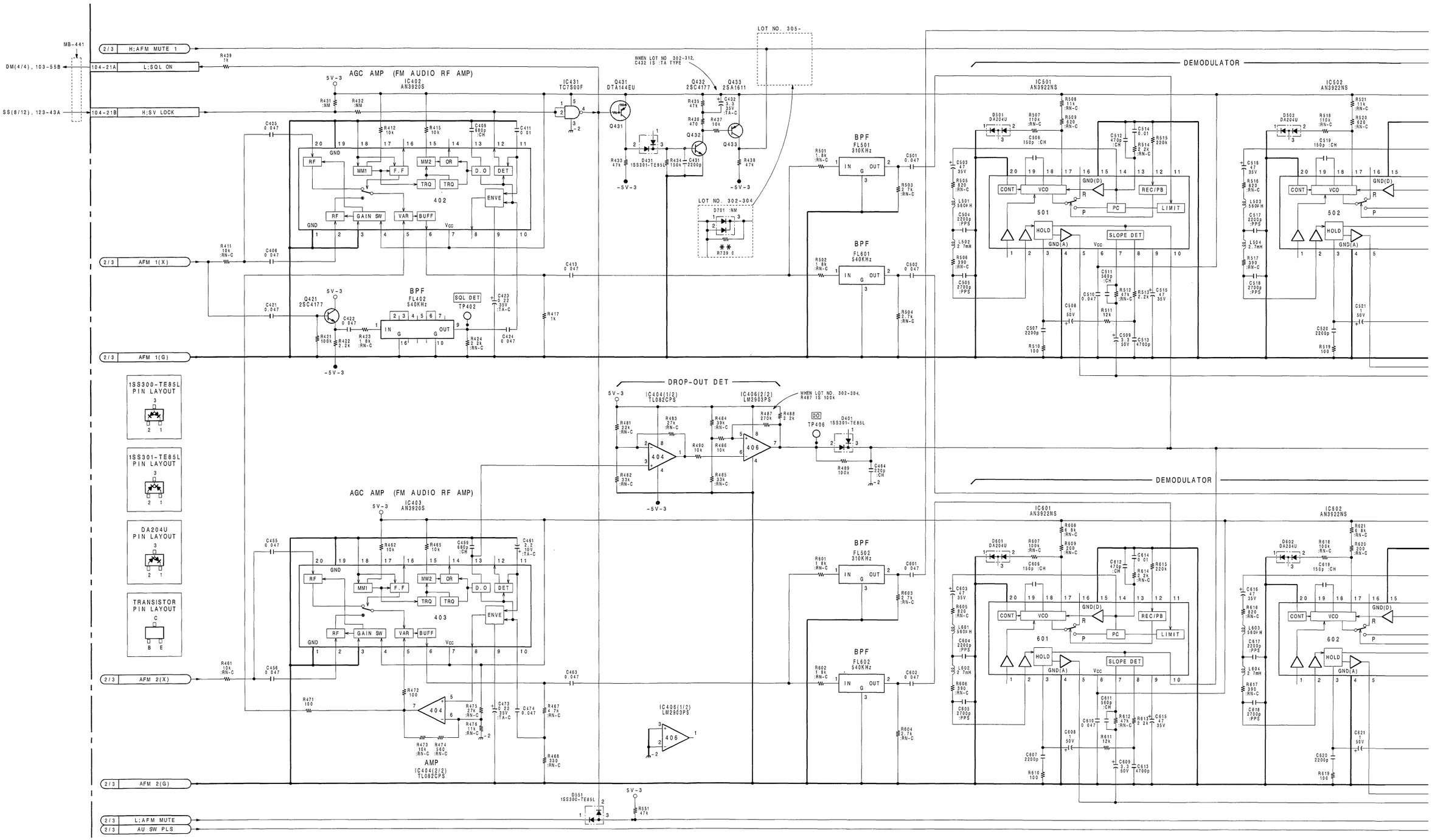
Betacam PB AFM RF

AP-28 BOARD (2/3)

BOARD NO. 1-648-544-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :AP-28 MCB
DVW-A500P (EK) :AP-28P MCB
DVW-A500P (UC) :AP-28P MCB
DVW-A510 (J, UC) :AP-28 MCB
DVW-A510P (EK) :AP-28P MCB
DVW-CA510(J, UC) :AP-28 MCB
DVW-CA510P(EK) :AP-28P MCB

DVW-AP28-ALL-A-PB-S/M-04

AP-28 (3/3)



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1-122

AP-28 (3/3)

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

AP-28 BOARD: 1-648-544-11

※PART CHANGE INFORMATION　　旧部品に対する補修部品　同時に交換する部品

	Part change information Ref. No.	Old	New	Change LOT No.	Repair part for Old part	Simulataneously change part
J-2	R529	15k :RN-C	→ 10k :RN-C	311	10k :RN-C	R530, R532
K-2	R530	15k :RN-C	→ 10k :RN-C	311	10k :RN-C	R529, R532
K-2	R532	20k :RN-C	→ 15k :RN-C	311	15k :RN-C	R529, R530
J-5	R629	15k :RN-C	→ 10k :RN-C	311	10k :RN-C	R630, R632
K-4	R630	15k :RN-C	→ 10k :RN-C	311	10k :RN-C	R629, R632
K-4	R632	20k :RN-C	→ 15k :RN-C	311	15k :RN-C	R629, R630

NC	104-7A
NC	104-7B
NC	104-8A
NC	104-8B
NC	104-11A
NC	104-11B
NC	104-12B
NC	104-13B
NC	104-14B
NC	104-15B
NC	104-16B
NC	104-17A
NC	104-19B
NC	104-20B
NC	104-31A
NC	104-31B
NC	104-32A
NC	104-32B
NC	104-33A
NC	104-33B
NC	104-34A
NC	104-34B
NC	104-35A
NC	104-35B
NC	104-36A
NC	104-36B
NC	104-37A
NC	104-37B
NC	104-43A
NC	104-43B
NC	104-44A
NC	104-44B
NC	104-45A
NC	104-45B
NC	104-55A
NC	104-55B
NC	104-56A
NC	104-56B

NC

B PB CH-3(X)	104-51A
B PB CH-3(G)	104-51B
GND	104-50A
GND	104-50B
GND	104-52A
GND	104-52B
GND	104-54A
GND	104-54B

→ APR(2/9), 119-21A
→ APR(2/9), 119-21B
→ APR(2/9), 119-22A
→ APR(2/9), 119-22B

B PB CH-4(X)	104-53A
B PB CH-4(G)	104-53B

→ APR(2/9), 119-23A
→ APR(2/9), 119-23B
→ APR(2/9), 119-24A
→ APR(2/9), 119-24B

LOT NO.	BOARD NO.
302-304	1-648-544-11
305-312	1-648-544-12
401-	1-648-544-13

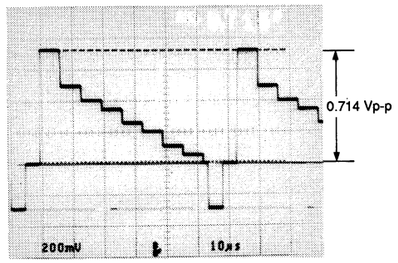
Betacam PB AFM Demodulator

AP-28 BOARD (3/3)

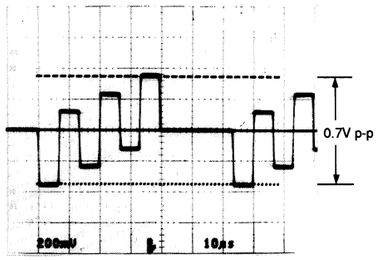
BOARD NO. 1-648-544-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :AP-28 MCB
DVW-A500P (EK) :AP-28P MCB
DVW-A500P (UC) :AP-28P MCB
DVW-A510 (J, UC) :AP-28 MCB
DVW-A510P (EK) :AP-28P MCB
DVW-CA510(J, UC) :AP-28 MCB
DVW-CA510P(EK) :AP-28P MCB

DVW-AP28-ALL-A-PB-S/M-04

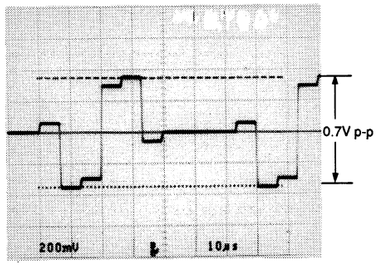
① COMPONENT Y OUT, STOP (E-E) mode



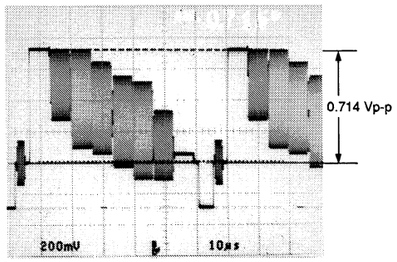
③ COMPONENT B-Y OUT, STOP (E-E) mode



② COMPONENT R-Y OUT, STOP (E-E) mode



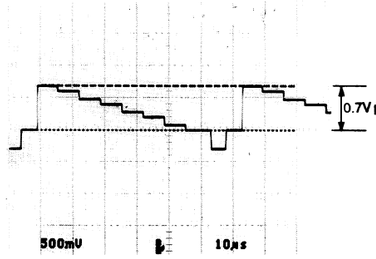
④ COMPOSITE OUT,STOP (E-E) mode



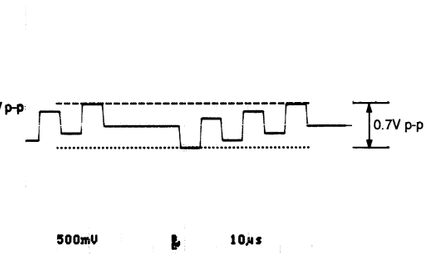
Measurement Condition
INPUT SIGNAL : 75% COLOR BARS
MODE : STOP (E-E) mode

For DVW-A500/500

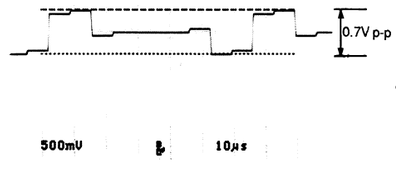
① COMPONENT Y OUT, STOP (E-E) mode



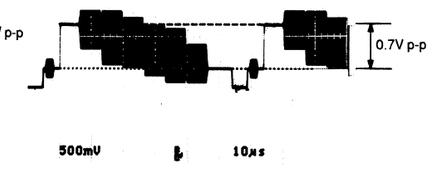
③ COMPONENT B-Y OUT, STOP (E-E) mode



② COMPONENT R-Y OUT, STOP (E-E) mode

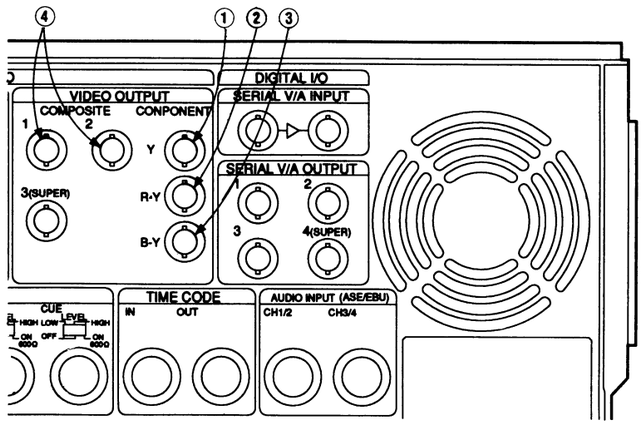


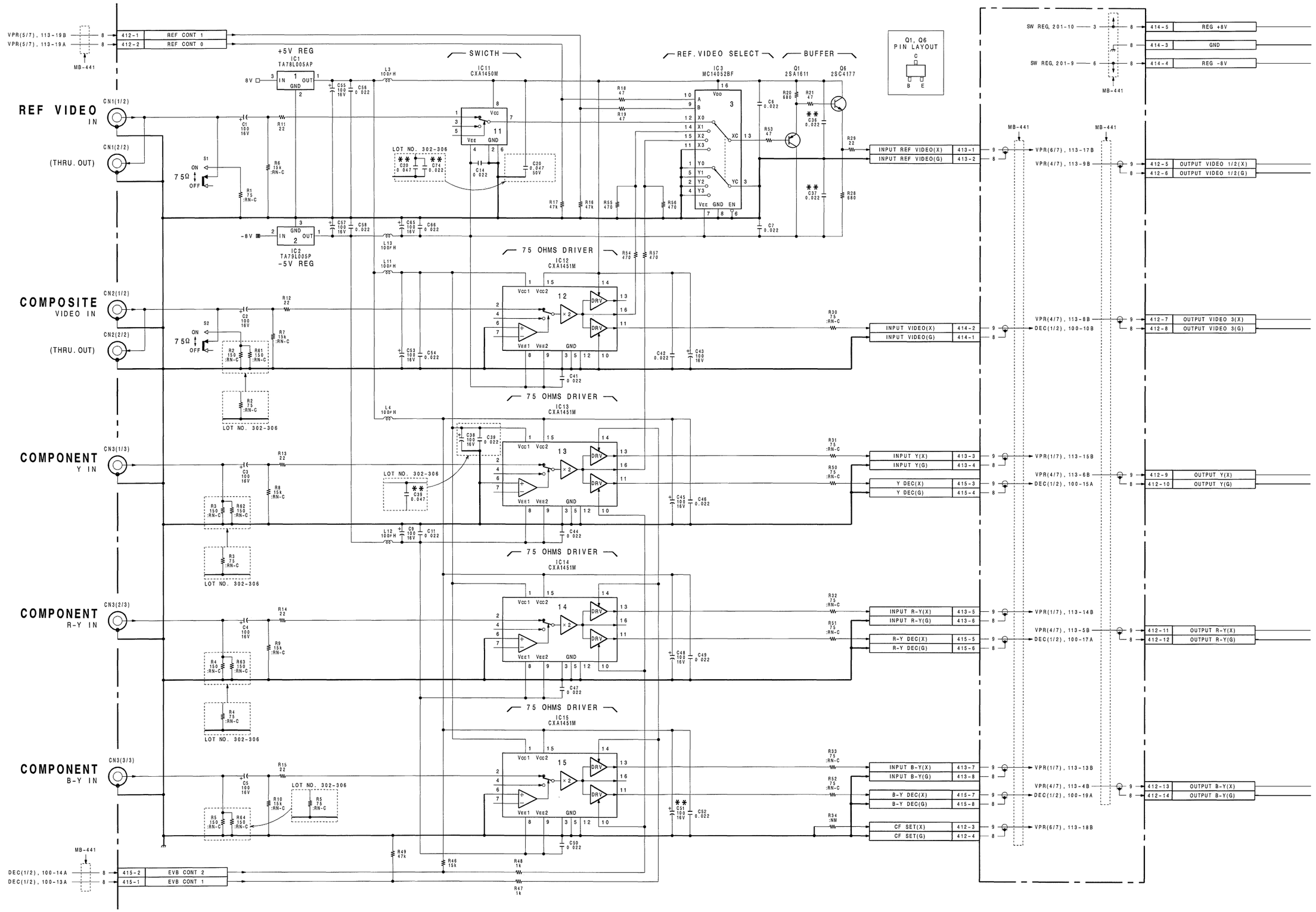
④ COMPOSITE OUT,STOP (E-E) mode



Measurement Condition
INPUT SIGNAL : 100% COLOR BARS
MODE : STOP (E-E) mode

For DVW-A500P/500P

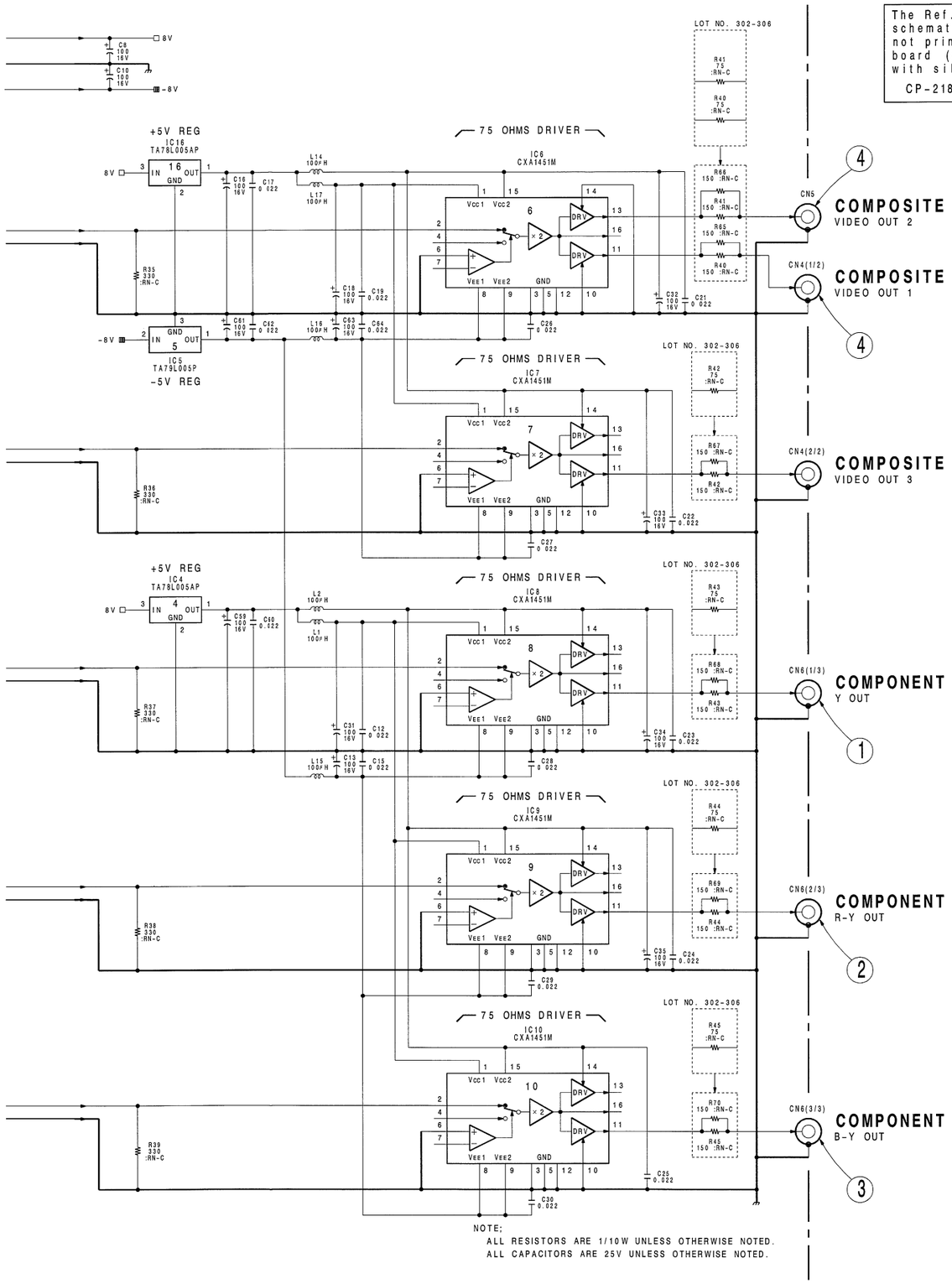



REF VIDEO IN
CN1(1/2)
CN1(2/2)
(THRU. OUT)
COMPOSITE VIDEO IN
CN2(1/2)
CN2(2/2)
(THRU. OUT)
COMPONENT Y IN
CN3(1/3)
COMPONENT R-Y IN
CN3(2/3)
COMPONENT B-Y IN
CN3(3/3)
VPR(5/7), 113-19B
VPR(5/7), 113-19A
412-1 REF CONT 1
412-2 REF CONT 0
MB-441
+5V REG
IC1 TA78L005AP
-8V REG
IC2 TA79L005P
SWICTH
IC11 CXA1450M
REF. VIDEO SELECT
IC3 MC14052BF
BUFFER
Q1 2SA1611
Q6 2SC4177
Q1, Q6 PIN LAYOUT
75 OHMS DRIVER
IC12 CXA1451M
IC13 CXA1451M
IC14 CXA1451M
IC15 CXA1451M
LOT NO. 302-306
INPUT REF VIDEO(X) 413-1
INPUT REF VIDEO(G) 413-2
INPUT VIDEO(X) 414-2
INPUT VIDEO(G) 414-1
INPUT Y(X) 413-3
INPUT Y(G) 413-4
Y DEC(X) 415-3
Y DEC(G) 415-4
INPUT R-Y(X) 413-5
INPUT R-Y(G) 413-6
R-Y DEC(X) 415-5
R-Y DEC(G) 415-6
INPUT B-Y(X) 413-7
INPUT B-Y(G) 413-8
B-Y DEC(X) 415-7
B-Y DEC(G) 415-8
CF SET(X) 412-3
CF SET(G) 412-4
DEC(1/2), 100-14A
DEC(1/2), 100-13A
415-2 EVB CONT 2
415-1 EVB CONT 1
SW REG, 201-10
SW REG, 201-9
414-5 REG +8V
414-3 GND
414-4 REG -8V
VPR(6/7), 113-17B
VPR(4/7), 113-9B
412-5 OUTPUT VIDEO 1/2(X)
412-6 OUTPUT VIDEO 1/2(G)
VPR(4/7), 113-8B
DEC(1/2), 100-10B
412-7 OUTPUT VIDEO 3(X)
412-8 OUTPUT VIDEO 3(G)
VPR(1/7), 113-15B
VPR(4/7), 113-6B
DEC(1/2), 100-15A
412-9 OUTPUT Y(X)
412-10 OUTPUT Y(G)
VPR(1/7), 113-14B
VPR(4/7), 113-5B
DEC(1/2), 100-17A
412-11 OUTPUT R-Y(X)
412-12 OUTPUT R-Y(G)
VPR(1/7), 113-13B
VPR(4/7), 113-4B
DEC(1/2), 100-19A
412-13 OUTPUT B-Y(X)
412-14 OUTPUT B-Y(G)
VPR(6/7), 113-18B

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

CP-218 BOARD: 1-648-555-11

LOT NO.	BOARD NO.
302-306	1-648-555-11
307-	1-648-555-12

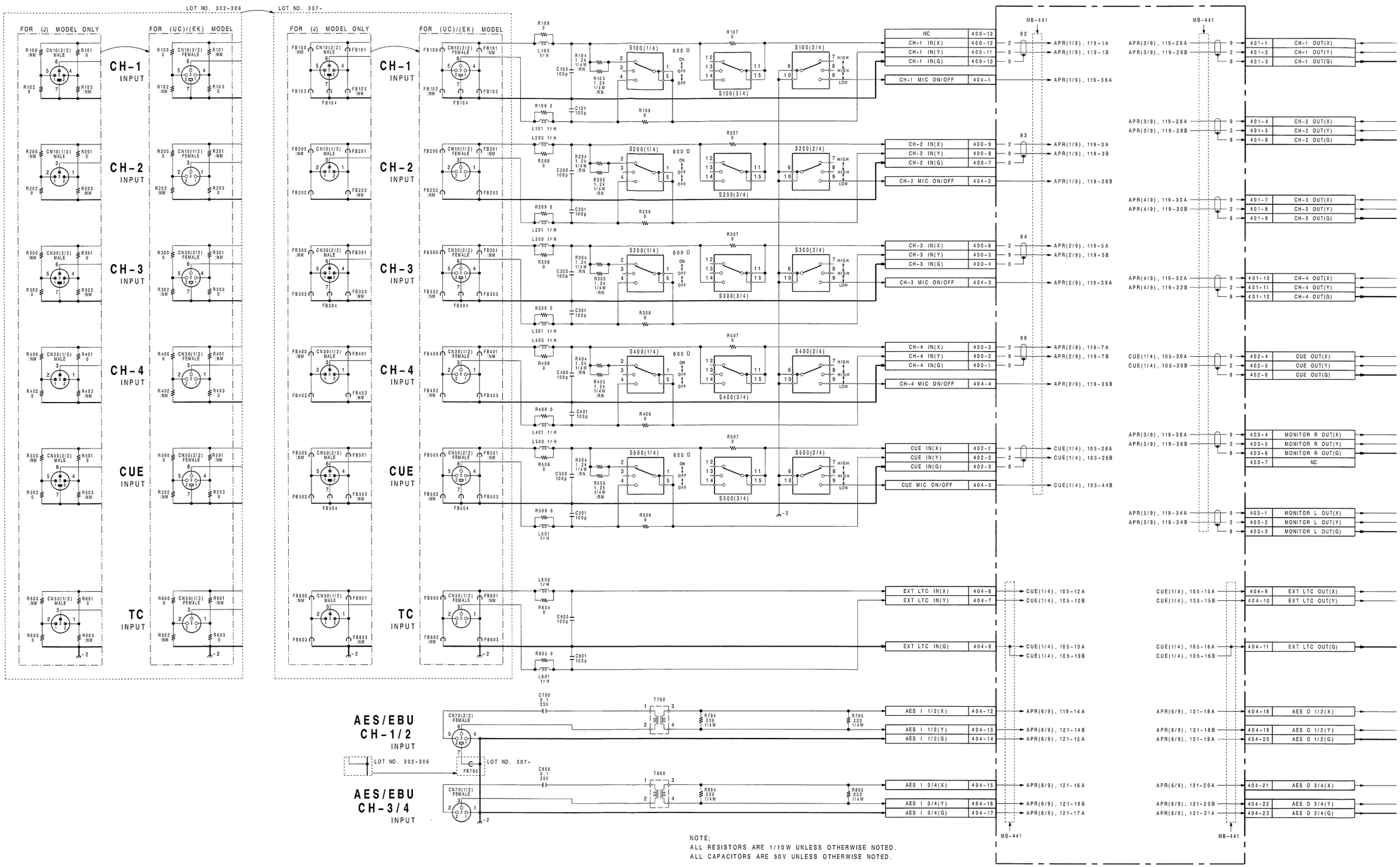


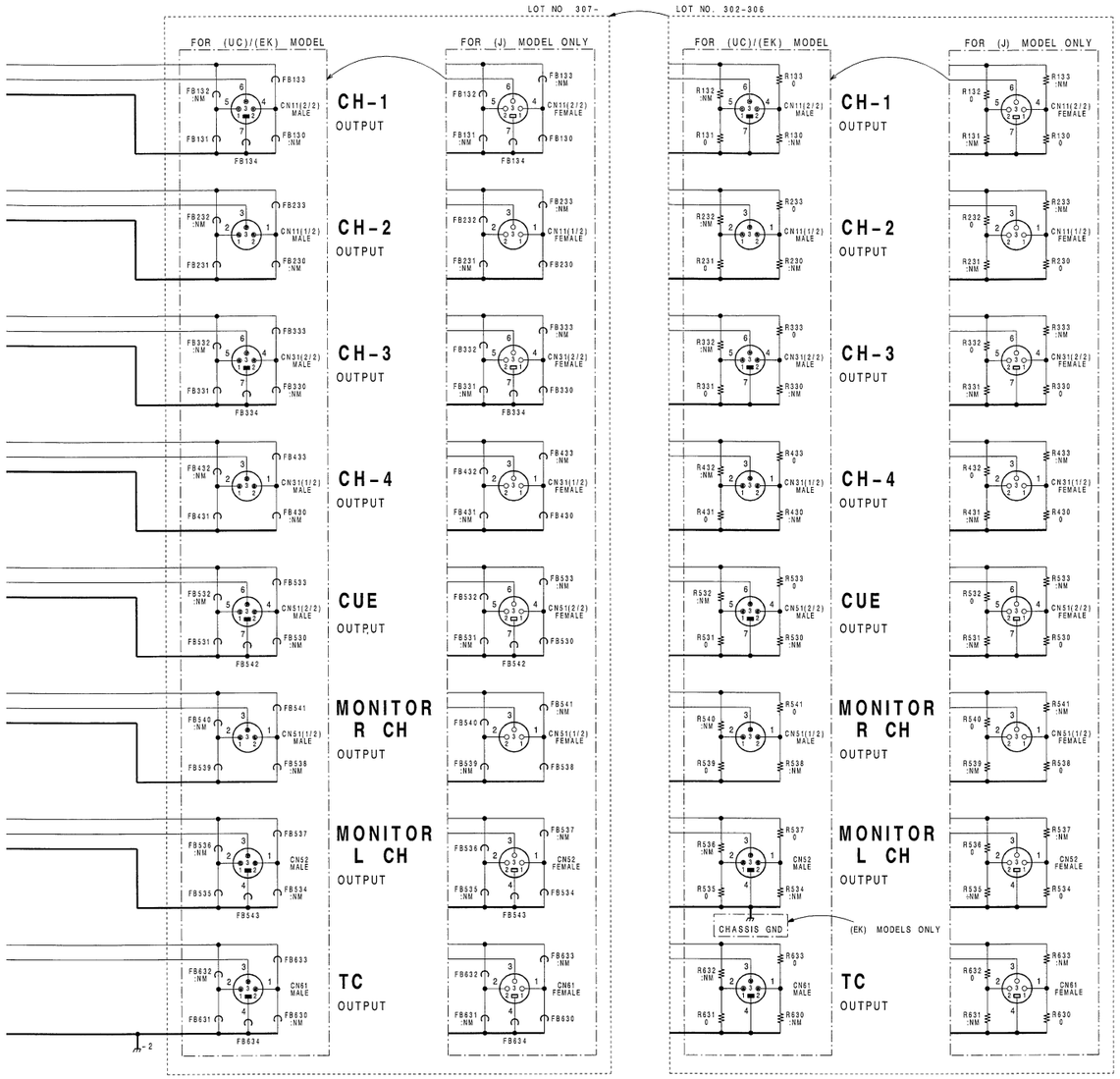
Rear Connector Board (Analog Video)

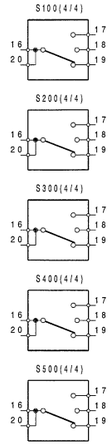
CP-218 BOARD

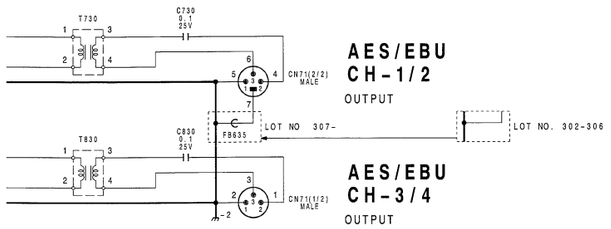
BOARD NO. 1-648-555-11, 12
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :CP-218 MCB
DVW-A500P(EK) :CP-218 MCB
DVW-A500P(UC) :CP-218 MCB
DVW-500 (J, UC) :CP-218 MCB
DVW-500P (EK) :CP-218 MCB
DVW-500P (UC) :CP-218 MCB

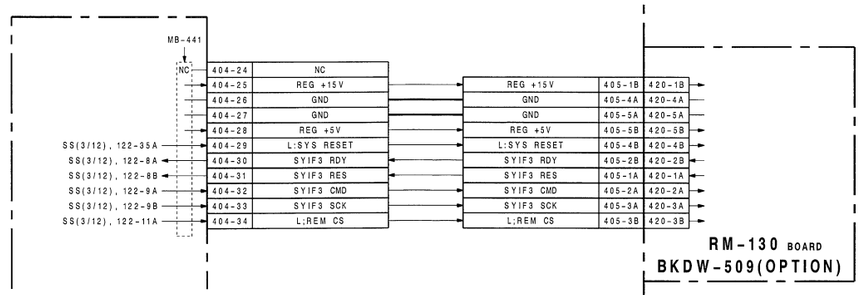
DVW-CP218-ALL-REC-S/M-04


LOT NO. 302-306
LOT NO. 307-
FOR (J) MODEL ONLY
FOR (UC)/(EK) MODEL
CH-1 INPUT
CH-2 INPUT
CH-3 INPUT
CH-4 INPUT
CUE INPUT
TC INPUT
AES/EBU CH-1/2 INPUT
AES/EBU CH-3/4 INPUT
S100(1/4)
S100(2/4)
S100(3/4)
S200(1/4)
S200(2/4)
S200(3/4)
S300(1/4)
S300(2/4)
S300(3/4)
S400(1/4)
S400(2/4)
S400(3/4)
S500(1/4)
S500(2/4)
S500(3/4)
NC
CH-1 IN(X) 400-12
CH-1 IN(Y) 400-11
CH-1 IN(G) 400-10
CH-1 MIC ON/OFF 404-1
CH-2 IN(X) 400-9
CH-2 IN(Y) 400-8
CH-2 IN(G) 400-7
CH-2 MIC ON/OFF 404-2
CH-3 IN(X) 400-6
CH-3 IN(Y) 400-5
CH-3 IN(G) 400-4
CH-3 MIC ON/OFF 404-3
CH-4 IN(X) 400-3
CH-4 IN(Y) 400-2
CH-4 IN(G) 400-1
CH-4 MIC ON/OFF 404-4
CUE IN(X) 402-1
CUE IN(Y) 402-2
CUE IN(G) 402-3
CUE MIC ON/OFF 404-5
EXT LTC IN(X) 404-6
EXT LTC IN(Y) 404-7
EXT LTC IN(G) 404-8
AES I 1/2(X) 404-12
AES I 1/2(Y) 404-13
AES I 1/2(G) 404-14
AES I 3/4(X) 404-15
AES I 3/4(Y) 404-16
AES I 3/4(G) 404-17
MB-441
APR(1/9), 119-1A
APR(1/9), 119-1B
APR(1/9), 119-38A
APR(1/9), 119-3A
APR(1/9), 119-3B
APR(1/9), 119-38B
APR(2/9), 119-5A
APR(2/9), 119-5B
APR(2/9), 119-39A
APR(2/9), 119-7A
APR(2/9), 119-7B
APR(2/9), 119-39B
CUE(1/4), 105-26A
CUE(1/4), 105-26B
CUE(1/4), 105-44B
APR(6/9), 119-14A
APR(6/9), 121-14B
APR(6/9), 121-15A
APR(6/9), 121-16A
APR(6/9), 121-16B
APR(6/9), 121-17A
CUE(1/4), 105-12A
CUE(1/4), 105-12B
CUE(1/4), 105-13A
CUE(1/4), 105-13B
APR(3/9), 119-26A
APR(3/9), 119-26B
APR(3/9), 119-28A
APR(3/9), 119-28B
APR(4/9), 119-30A
APR(4/9), 119-30B
APR(4/9), 119-32A
APR(4/9), 119-32B
CUE(1/4), 105-30A
CUE(1/4), 105-30B
APR(3/9), 119-36A
APR(5/9), 119-36B
APR(5/9), 119-34A
APR(5/9), 119-34B
CUE(1/4), 105-15A
CUE(1/4), 105-15B
CUE(1/4), 105-16A
CUE(1/4), 105-16B
APR(6/9), 121-18A
APR(6/9), 121-18B
APR(6/9), 121-19A
APR(6/9), 121-20A
APR(6/9), 121-20B
APR(6/9), 121-21A
401-1 CH-1 OUT(X)
401-2 CH-1 OUT(Y)
401-3 CH-1 OUT(G)
401-4 CH-2 OUT(X)
401-5 CH-2 OUT(Y)
401-6 CH-2 OUT(G)
401-7 CH-3 OUT(X)
401-8 CH-3 OUT(Y)
401-9 CH-3 OUT(G)
401-10 CH-4 OUT(X)
401-11 CH-4 OUT(Y)
401-12 CH-4 OUT(G)
402-4 CUE OUT(X)
402-5 CUE OUT(Y)
402-6 CUE OUT(G)
403-4 MONITOR R OUT(X)
403-5 MONITOR R OUT(Y)
403-6 MONITOR R OUT(G)
403-7 NC
403-1 MONITOR L OUT(X)
403-2 MONITOR L OUT(Y)
403-3 MONITOR L OUT(G)
404-9 EXT LTC OUT(X)
404-10 EXT LTC OUT(Y)
404-11 EXT LTC OUT(G)
404-18 AES O 1/2(X)
404-19 AES O 1/2(Y)
404-20 AES O 1/2(G)
404-21 AES O 3/4(X)
404-22 AES O 3/4(Y)
404-23 AES O 3/4(G)
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

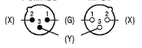








XLR CONNECTORS LOCATION OF REAR PANEL



For (UC)/(EK) model

AUDIO INPUT					TIME CODE		AUDIO INPUT (AES/EBU)	
CH-1	CH-2	CH-3	CH-4	CUE	IN	OUT	CH-1/2	CH-3/4
CN10(2/2)	CN10(1/2)	CN30(2/2)	CN30(1/2)	CN50(2/2)	CN50(1/2)	CN61	CN70(2/2)	CN70(1/2)
(FEMALE)	(FEMALE)	(FEMALE)	(FEMALE)	(FEMALE)	(FEMALE)	(MALE)	(FEMALE)	(FEMALE)

AUDIO OUTPUT					MONITOR OUTPUT		AUDIO OUTPUT (AES/EBU)	
CH-1	CH-2	CH-3	CH-4	CUE	R	L	CH-1/2	CH-3/4
CN11(2/2)	CN11(1/2)	CN31(2/2)	CN31(1/2)	CN51(2/2)	CN51(1/2)	CN52	CN71(2/2)	CN71(1/2)
(MALE)	(MALE)	(MALE)	(MALE)	(MALE)	(MALE)	(MALE)	(MALE)	(MALE)

For (J) model only

AUDIO INPUT					TIME CODE		AUDIO INPUT (AES/EBU)	
CH-1	CH-2	CH-3	CH-4	CUE	IN	OUT	CH-1/2	CH-3/4
CN10(2/2)	CN10(1/2)	CN30(2/2)	CN30(1/2)	CN50(2/2)	CN50(1/2)	CN61	CN70(2/2)	CN70(1/2)
(MALE)	(MALE)	(MALE)	(MALE)	(MALE)	(MALE)	(FEMALE)	(FEMALE)	(FEMALE)

AUDIO OUTPUT					MONITOR OUTPUT		AUDIO OUTPUT (AES/EBU)	
CH-1	CH-2	CH-3	CH-4	CUE	R	L	CH-1/2	CH-3/4
CN11(2/2)	CN11(1/2)	CN31(2/2)	CN31(1/2)	CN51(2/2)	CN51(1/2)	CN52	CN71(2/2)	CN71(1/2)
(FEMALE)	(FEMALE)	(FEMALE)	(FEMALE)	(FEMALE)	(FEMALE)	(FEMALE)	(MALE)	(MALE)

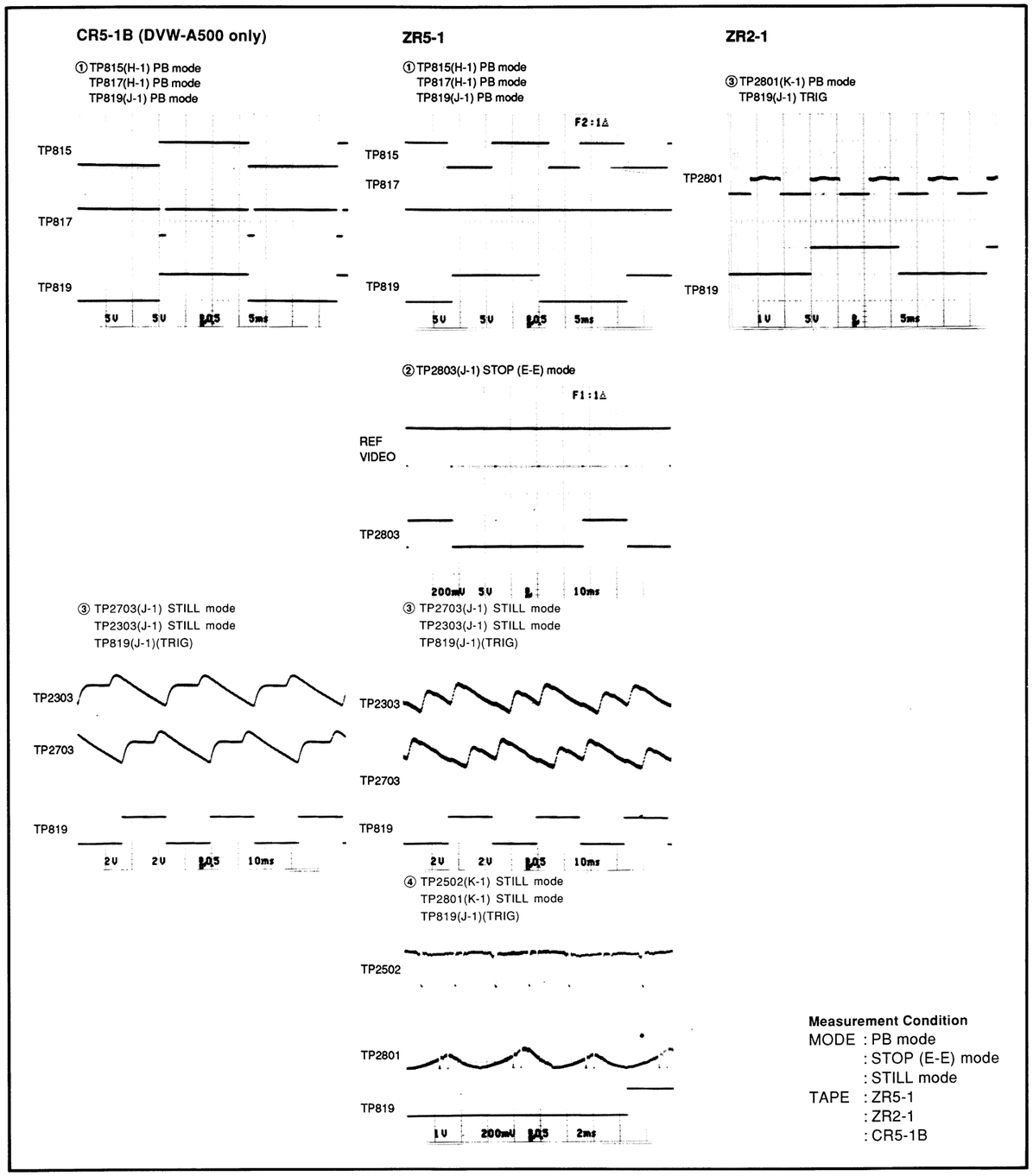
LOT No.	BOARD No.
302-306	1-648-556-11
307-	1-648-556-12

Rear Connector Board (Analog/Digital Audio, TC)

CP-220 BOARD

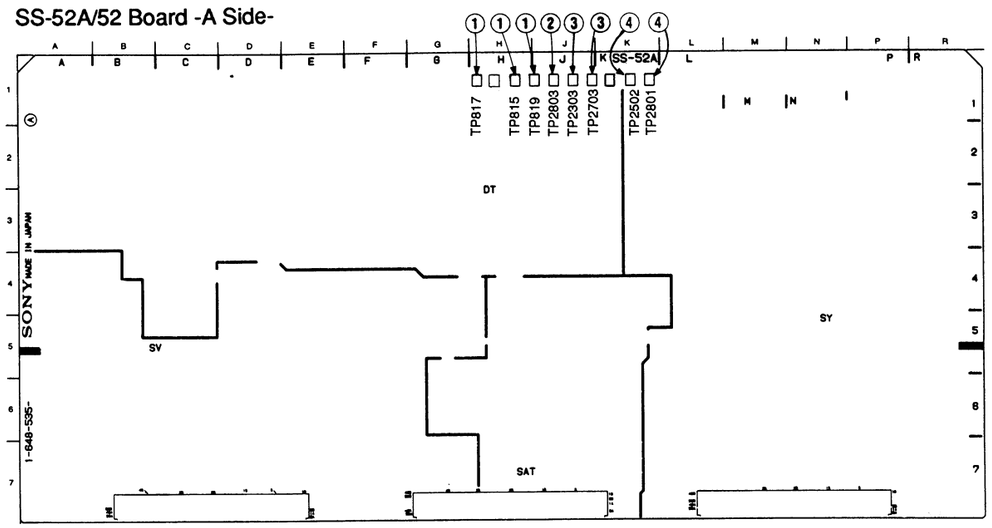
BOARD NO. 1-648-556-11, 12
BOARD' S LOT NO. 302-
DVW-A500 (J) :CP-220J MCB
DVW-A500 (UC) :CP-220 MCB
DVW-A500P(EK) :CP-220 MCB
DVW-A500P(UC) :CP-220 MCB
DVW-500 (J) :CP-220J MCB
DVW-500 (UC) :CP-220 MCB
DVW-500P (EK) :CP-220 MCB
DVW-500P (UC) :CP-220 MCB

DVW-CP220-ALL-REC-S/M-04



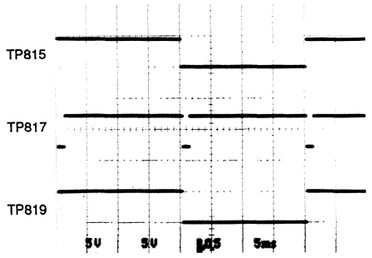
For DVW-A500/500

SS-52A/52 Board -A Side-

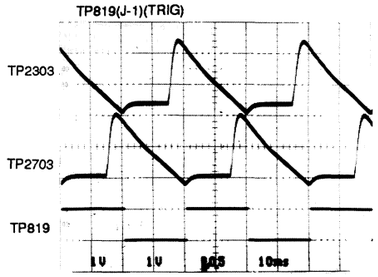


CR5-1BPS (DVW-A500P only)

① TP815(H-1) PB mode
TP817(H-1) PB mode
TP819(J-1) PB mode

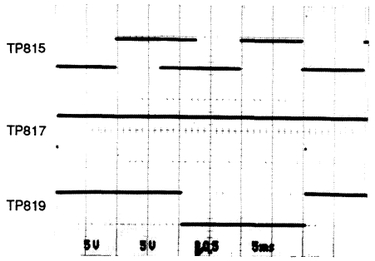


③ TP2703(J-1) STILL mode
TP2303(J-1) STILL mode
TP819(J-1)(TRIG)

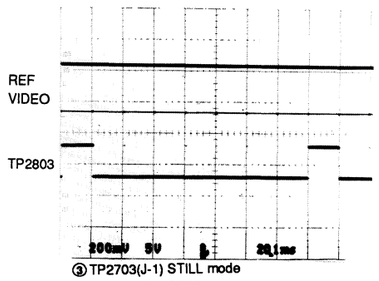


ZR5-1P

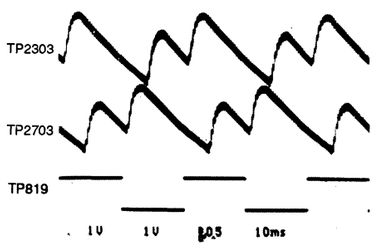
① TP815(H-1) PB mode
TP817(H-1) PB mode
TP819(J-1) PB mode



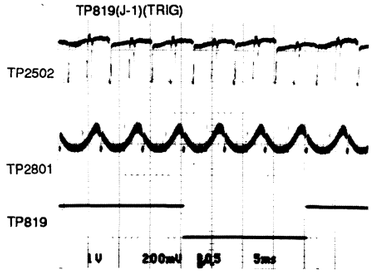
② TP2803(J-1) STOP (E-E) mode



③ TP2703(J-1) STILL mode
TP2303(J-1) STILL mode
TP819(J-1)(TRIG)

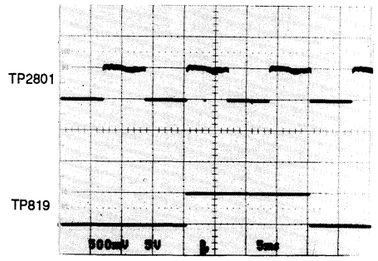


④ TP2502(K-1) STILL mode
TP2801(K-1) STILL mode
TP819(J-1)(TRIG)



ZR2-1P

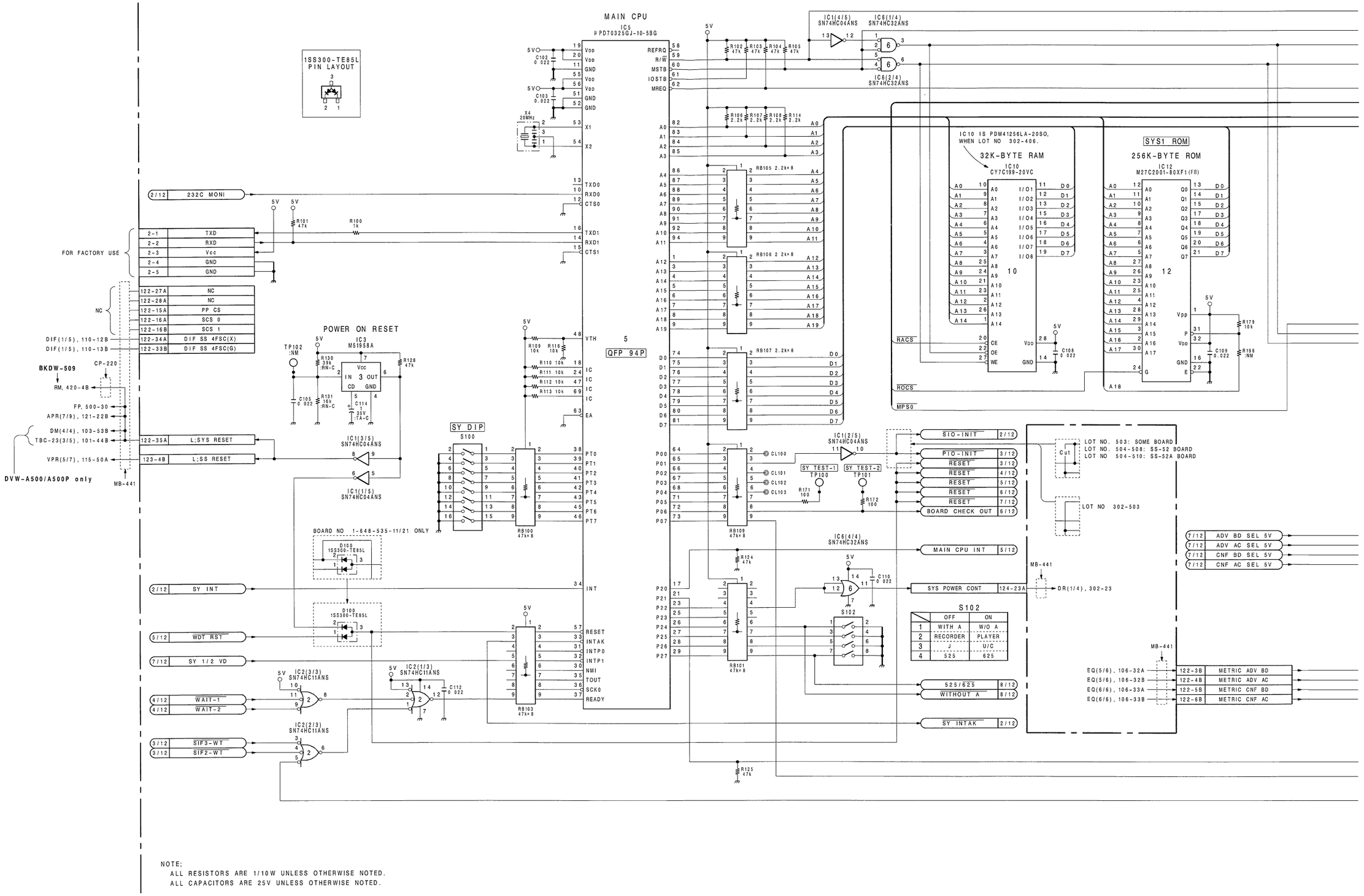
④ TP2801 (K-1) PB mode
TP891 (J-1) TRIG)



Measurement Condition
MODE : PB mode
: STOP (E-E) mode
: STILL mode
TAPE : ZR5-1P
: ZR2-1P
: CR5-1BPS

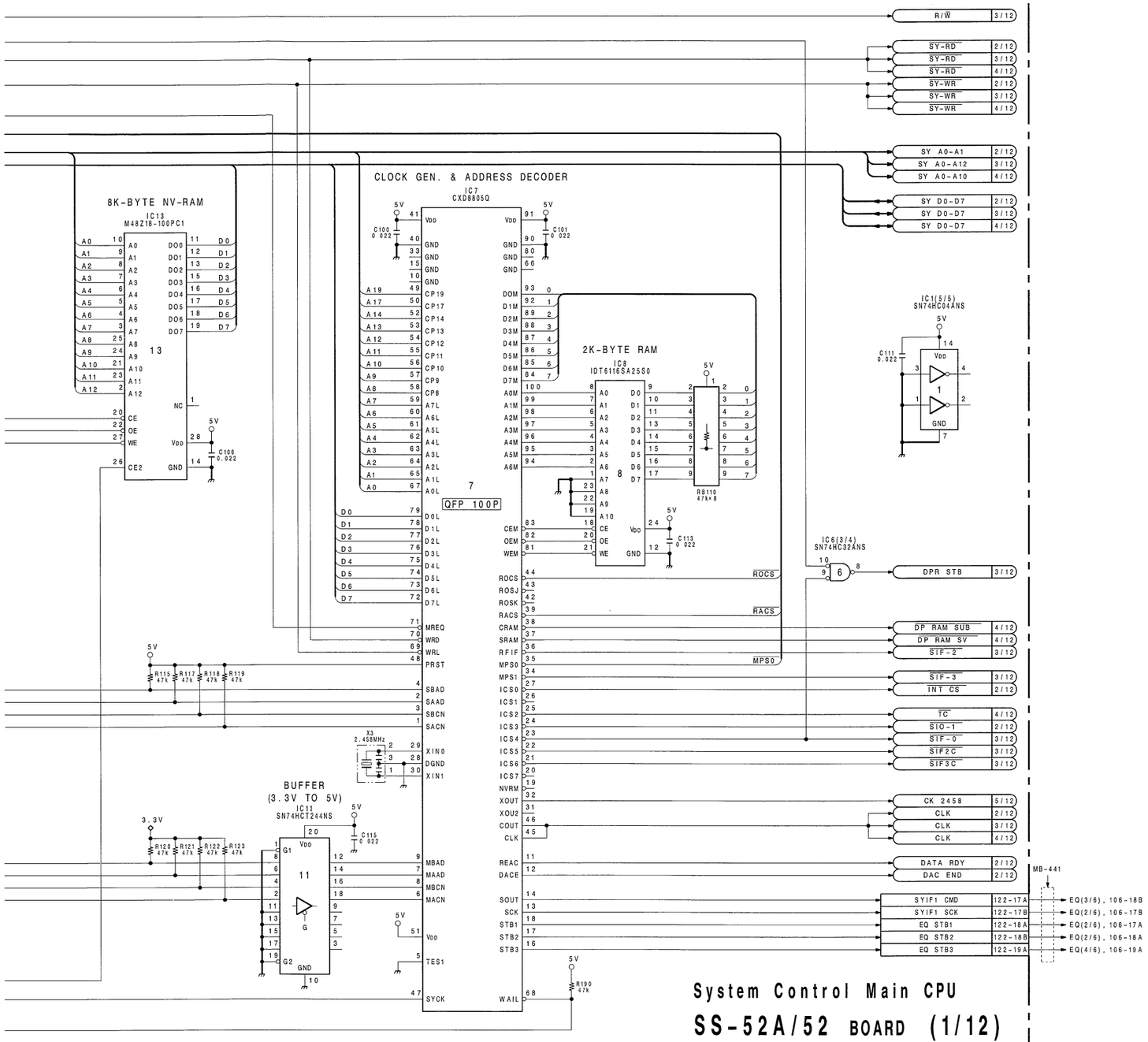
For DVW-A500P/500P

SS-52A/52 (1/12)



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

SS-52A/52 (1/12)



LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

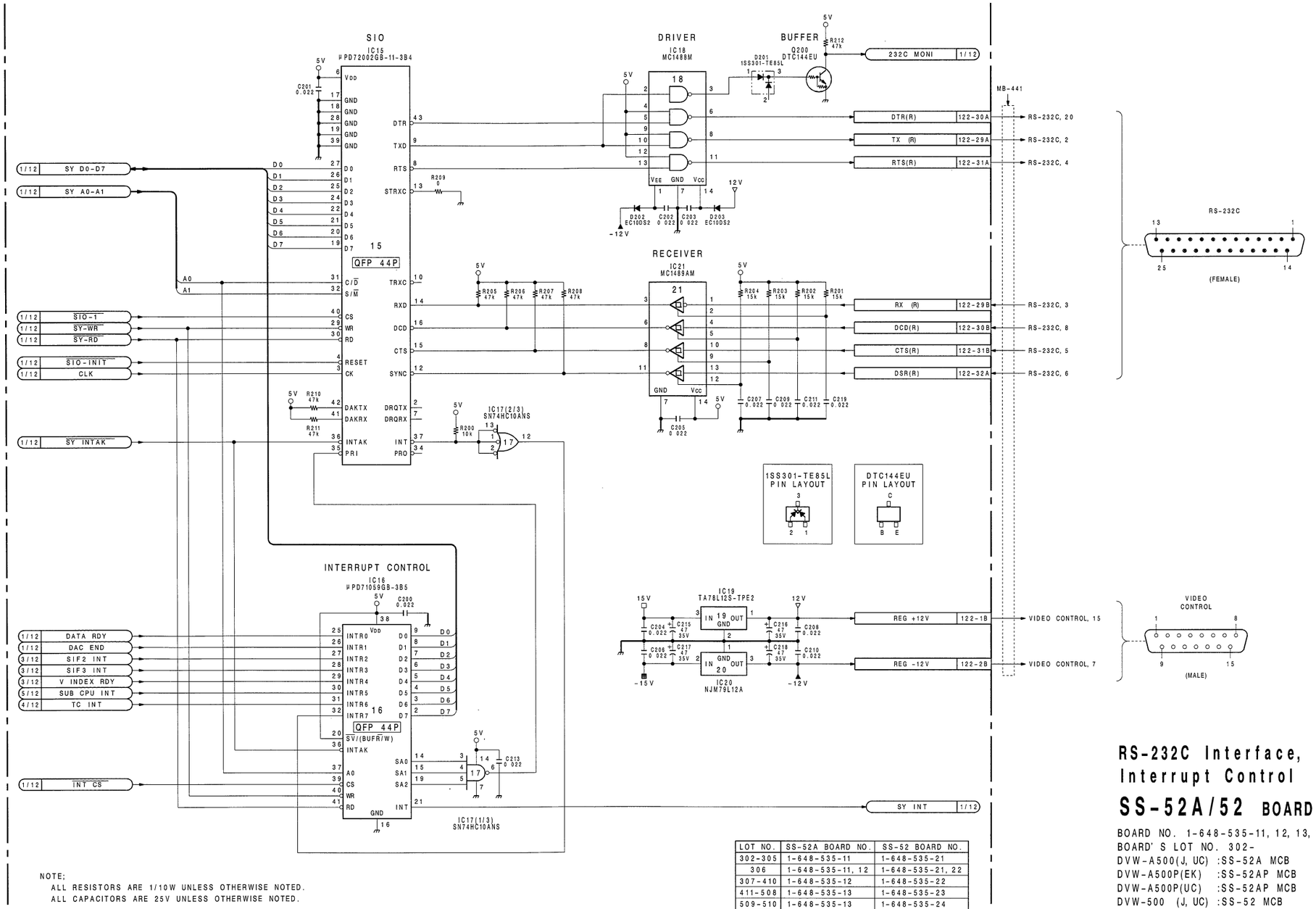
System Control Main CPU

SS-52A/52 BOARD (1/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

SS-52A/52 (2/12)



LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

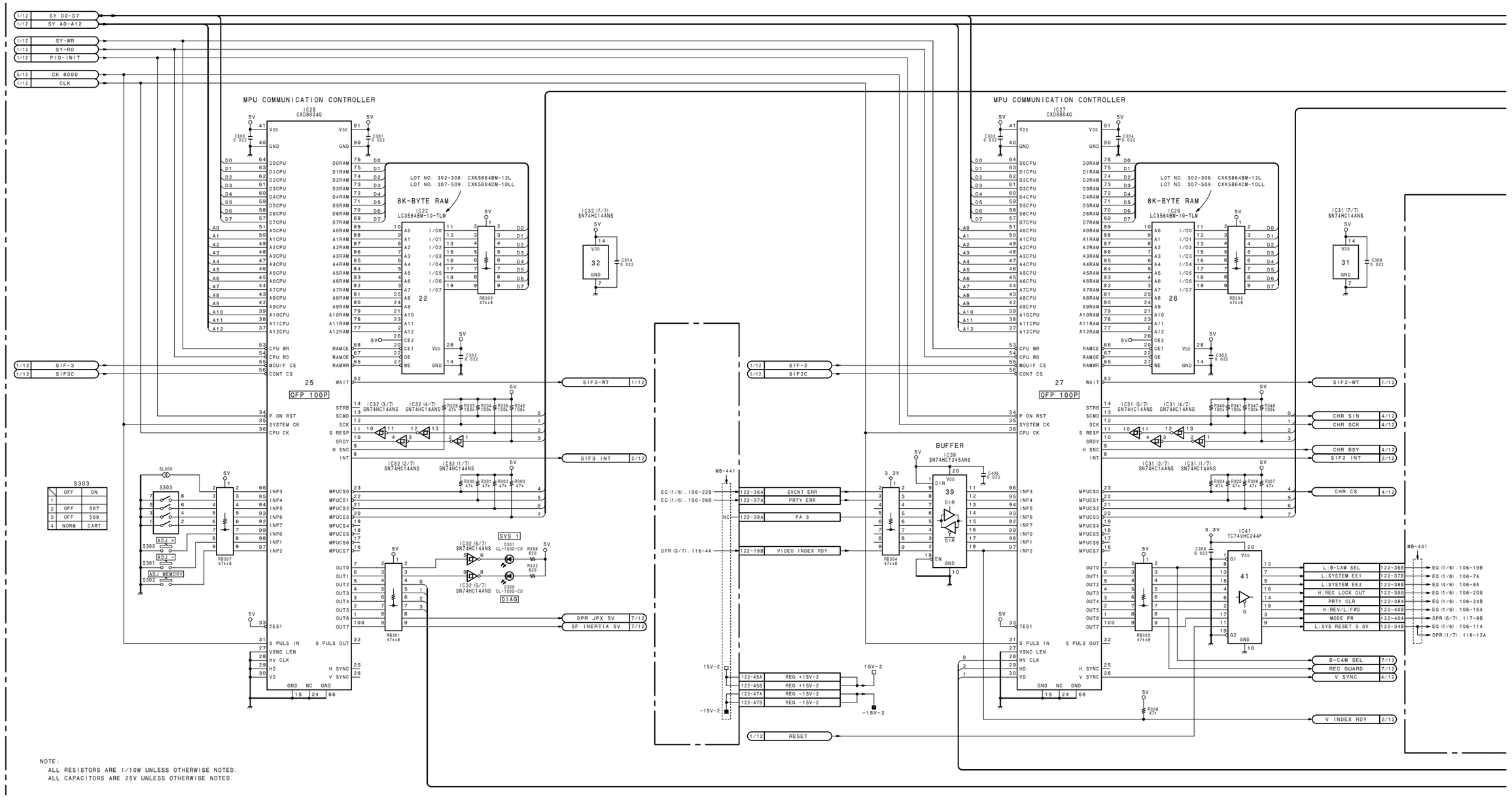
RS-232C Interface, Interrupt Control

SS-52A/52 BOARD (2/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

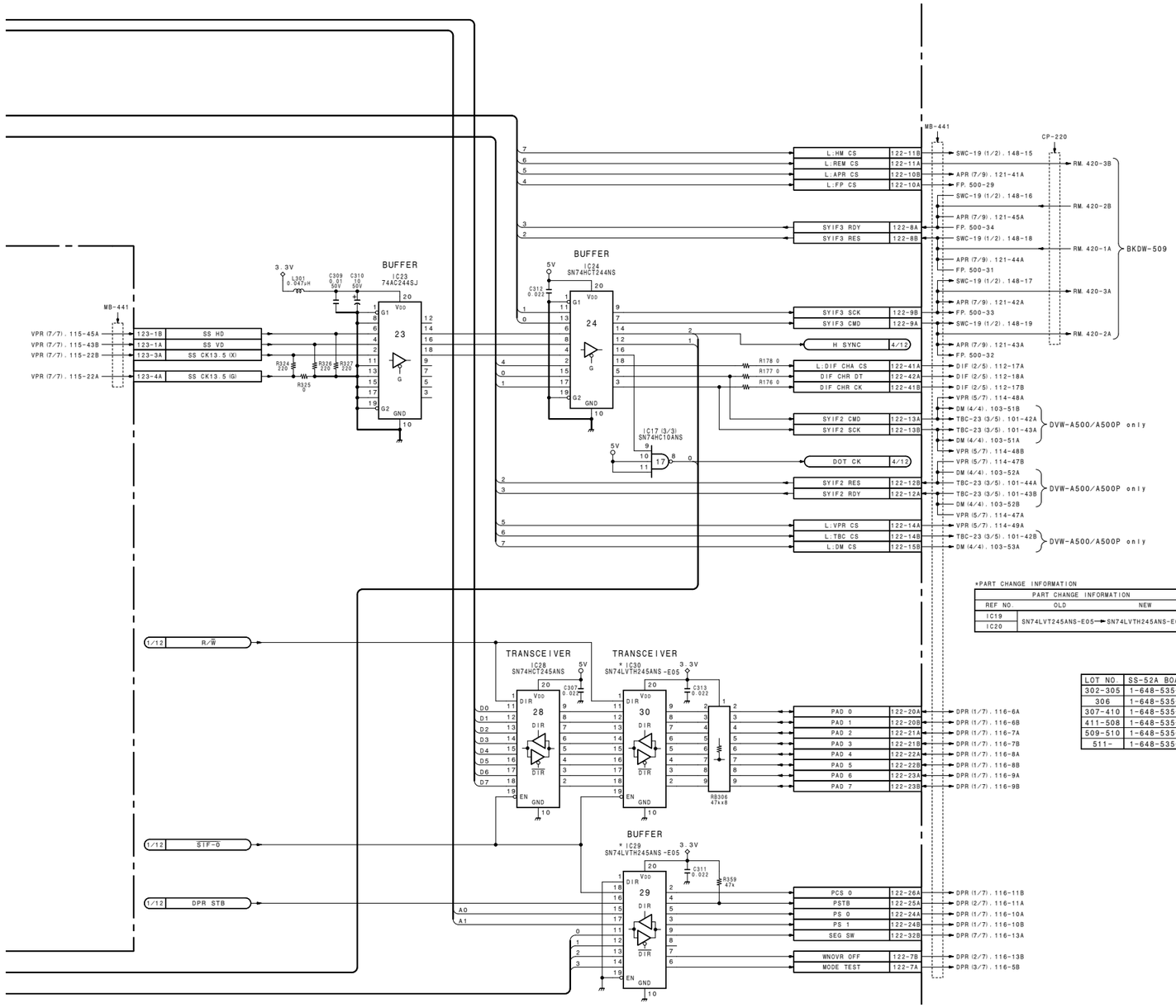
DVW-SS52-ALL-REC-S/M-05

SS-52A/52 (3/12)



1-136

SS-52A/52 (3/12)



*PART CHANGE INFORMATION

PART CHANGE INFORMATION			CHANGE LOT NO.	REPAIR PART FOR OLD PART	SIMULATANEOUSLY CHANGE PART
REF NO.	OLD	NEW			
IC19	SN74LVT245ANS-E05 →	SN74LVTH245ANS-E05	905	SN74LVTH245ANS-E05	IC30
IC20					IC29

LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

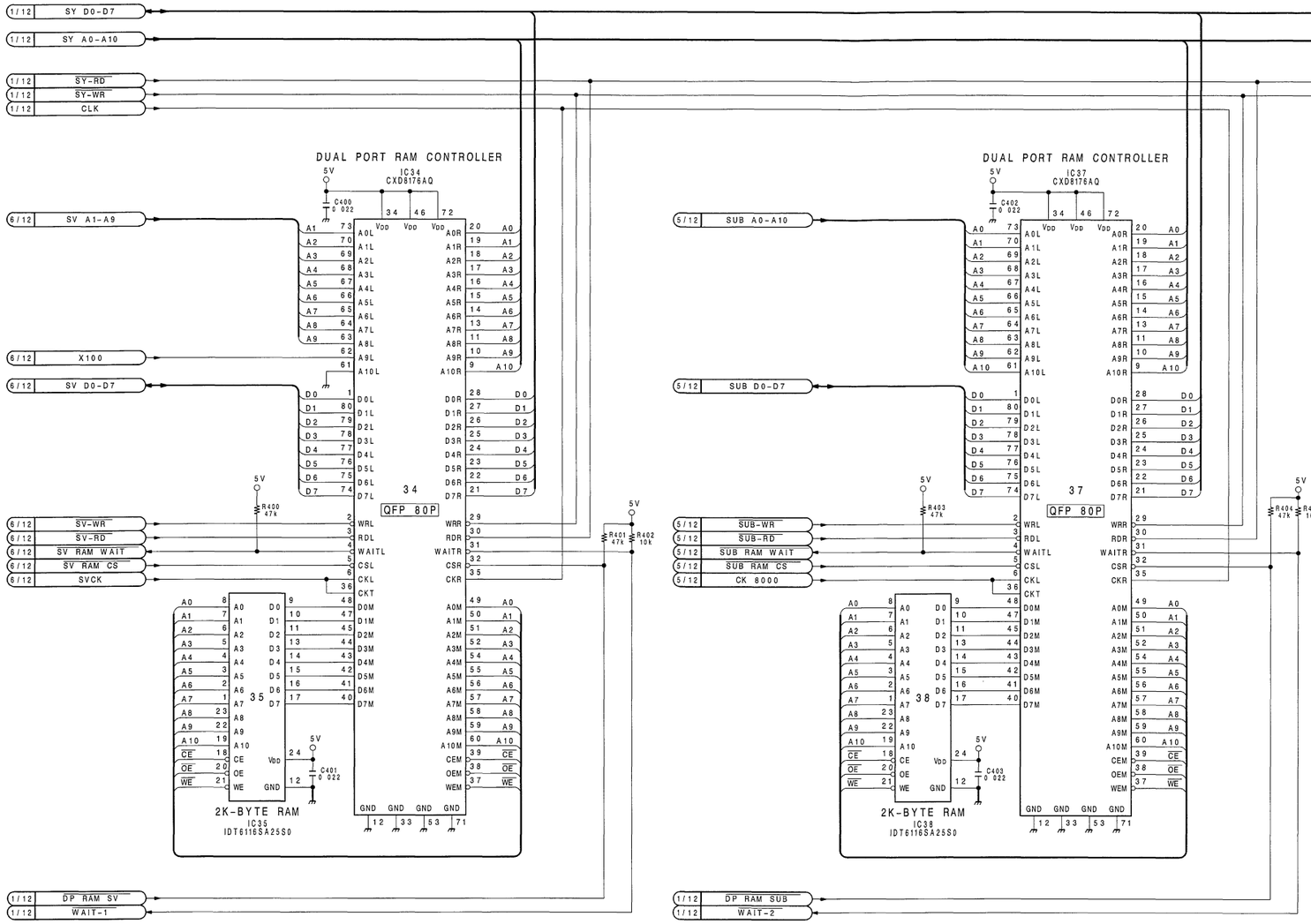
Audio/Video System Control

SS-52A/52 BOARD (3/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD'S LOT NO. 302-
DVW-A500 (J, UC) : SS-52A MCB
DVW-A500P (EK) : SS-52AP MCB
DVW-A500P (UC) : SS-52AP MCB
DVW-500 (J, UC) : SS-52 MCB
DVW-500P (EK) : SS-52P MCB
DVW-500P (UC) : SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

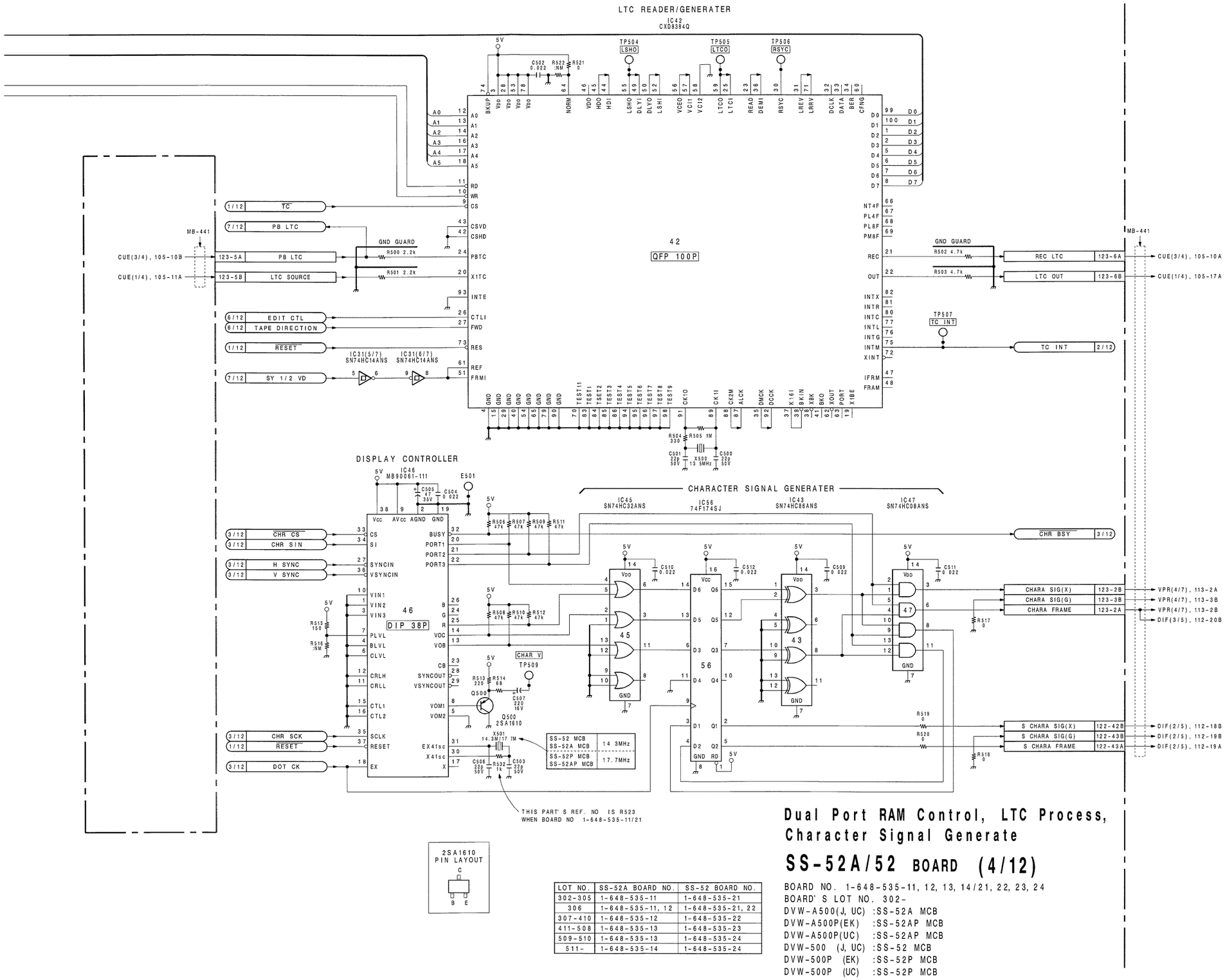
SS-52A/52 (4/12)



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

1-138

SS-52A/52 (4/12)



2SA1610
PIN LAYOUT
C
B E

LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

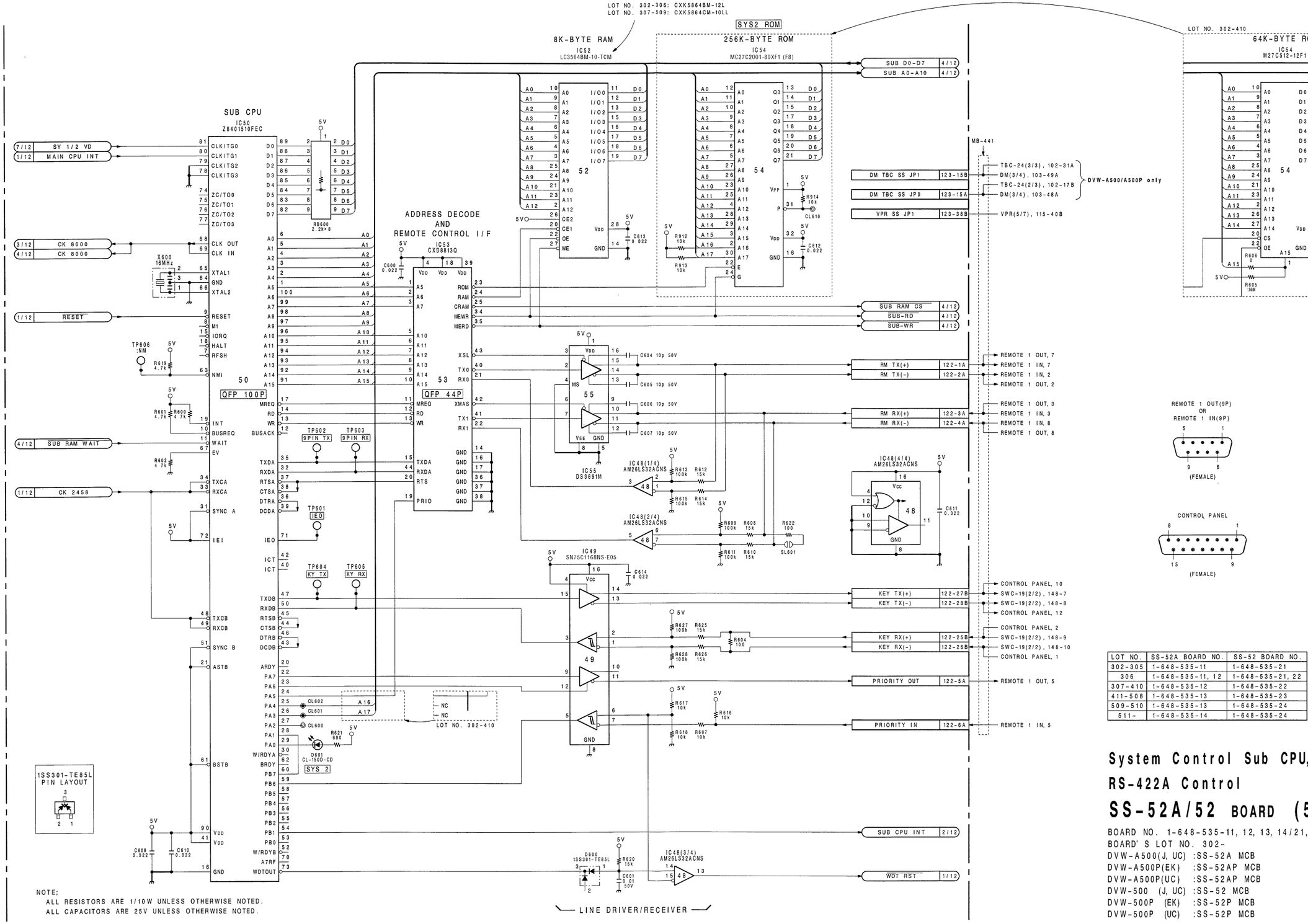
Dual Port RAM Control, LTC Process, Character Signal Generate

SS-52A/52 BOARD (4/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

SS-52A/52 (5/12)



LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

System Control Sub CPU, RS-422A Control

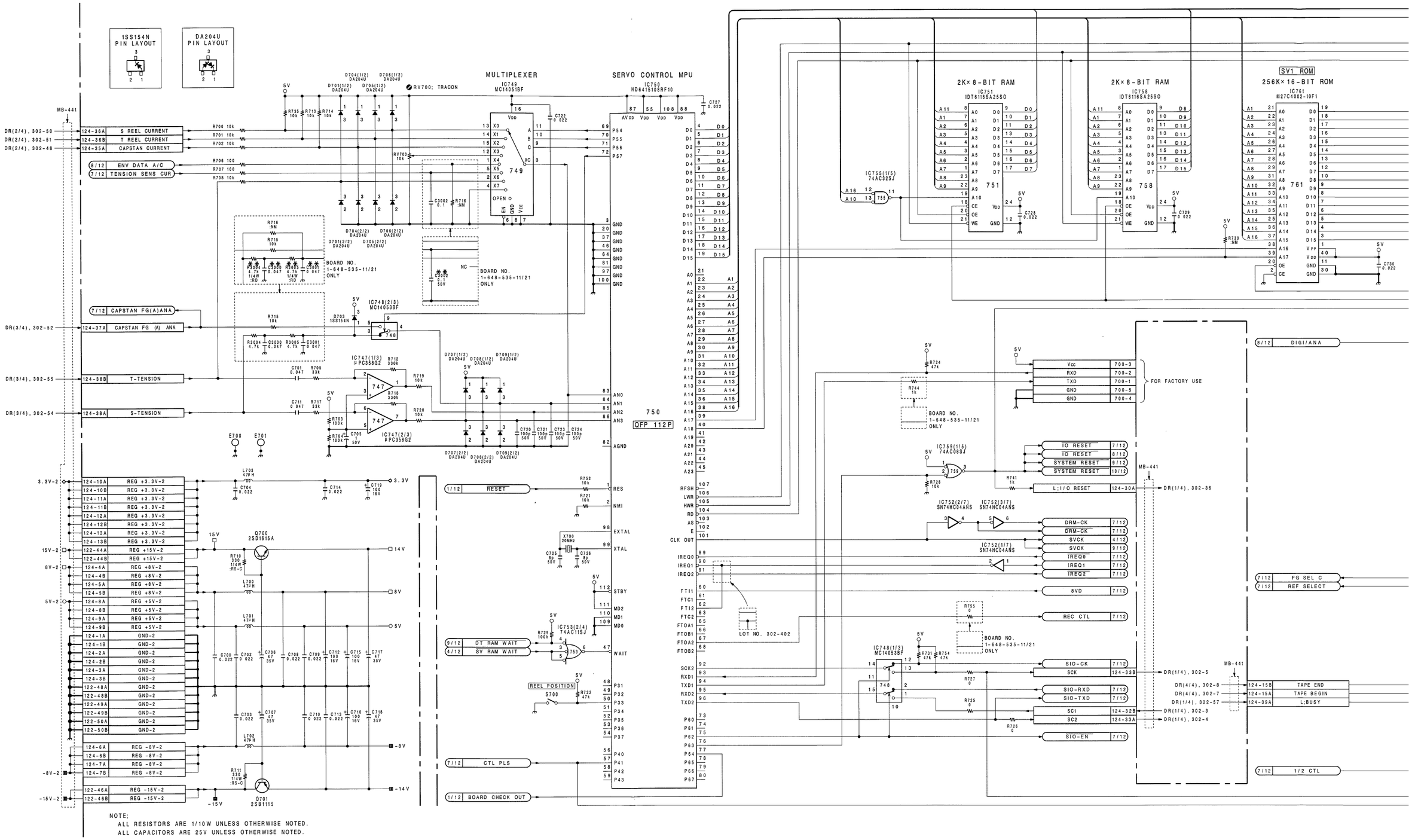
SS-52A/52 BOARD (5/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

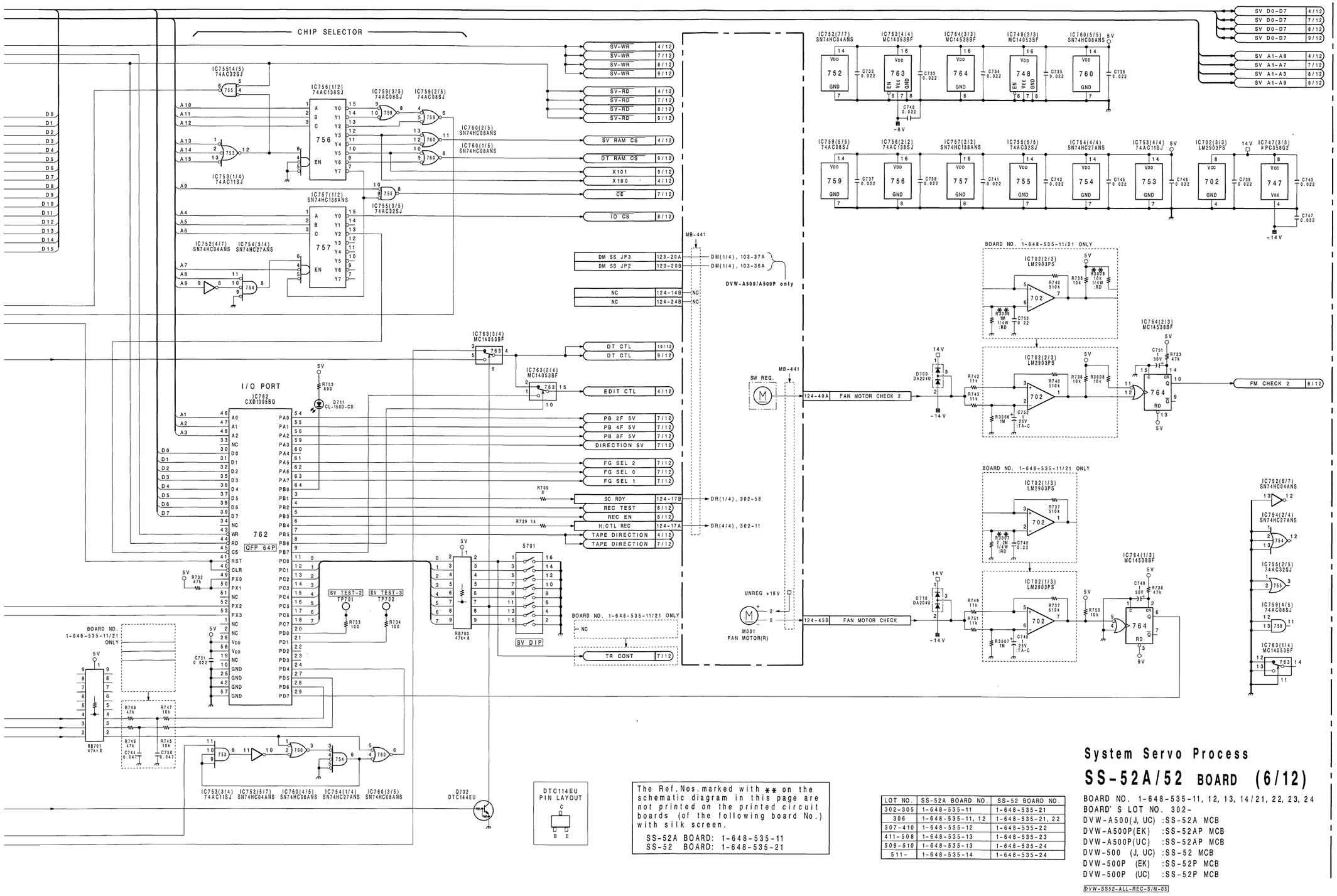
1-141

SS-52A/52 (6/12)



1-142

SS-52A/52 (6/12)



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

SS-52A BOARD: 1-648-535-11
SS-52 BOARD: 1-648-535-21

LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

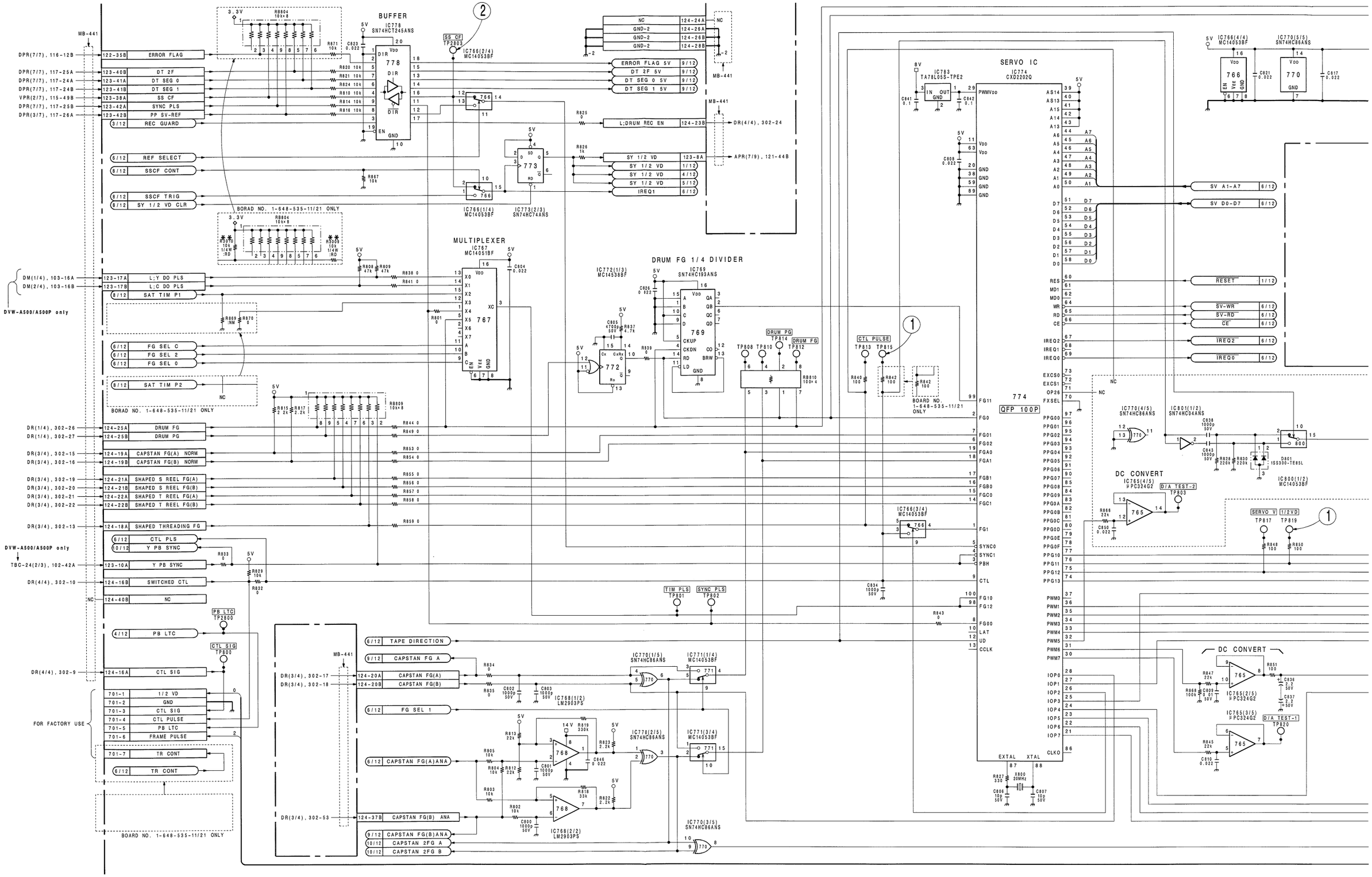
System Servo Process

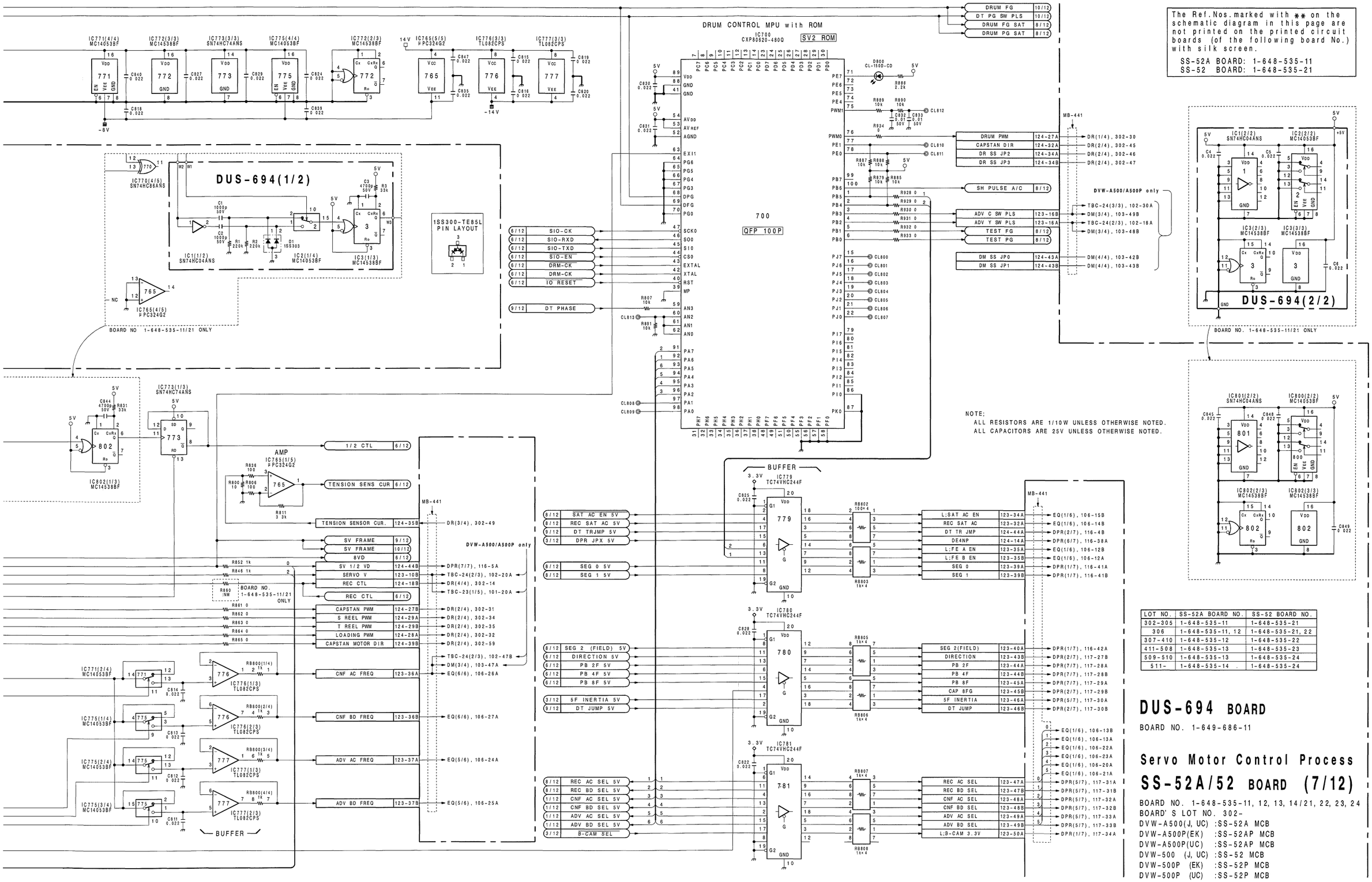
SS-52A/52 BOARD (6/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

SS-52A/52 (7/12)


BUFFER
IC778 SN74HCT245ANS
MULTIPLEXER
IC767 MC14051BF
DRUM FG 1/4 DIVIDER
IC769 SN74HC193ANS
SERVO IC
IC774 CXD2202Q
774 QFP 100P
IC783 TA78L05S-TPE2
IC766(4/4) MC14053BF
IC770(5/5) SN74HC86ANS
IC766(2/4) MC14053BF
IC766(1/4) MC14053BF
IC773(2/3) SN74HC74ANS
IC772(1/3) MC14538BF
IC770(4/5) SN74HC86ANS
IC801(1/2) MC14053BF
IC770(1/5) SN74HC86ANS
IC771(1/4) MC14053BF
IC768(1/2) LM2903PS
IC774(2/5) SN74HC86ANS
IC771(3/4) MC14053BF
IC768(2/2) LM2903PS
IC770(3/5) SN74HC86ANS
DC CONVERT
IC765(4/5) PC324G2
IC765(2/5) PC324G2
IC765(3/5) PC324G2
IC800(1/2) MC14053BF
D801 1SS300-TE85L
X800 20MHz
BORAD NO. 1-648-535-11/21 ONLY
DVW-A500/A500P only
FOR FACTORY USE
DPR(7/7), 116-12B
DPR(7/7), 117-25A
DPR(7/7), 117-24A
DPR(7/7), 117-24B
VPR(2/7), 115-49B
DPR(7/7), 117-25B
DPR(3/7), 117-26A
DM(1/4), 103-16A
DM(2/4), 103-16B
DR(1/4), 302-26
DR(1/4), 302-27
DR(3/4), 302-15
DR(3/4), 302-16
DR(3/4), 302-19
DR(3/4), 302-20
DR(3/4), 302-21
DR(3/4), 302-22
DR(3/4), 302-13
TBC-24(2/3), 102-42A
DR(4/4), 302-10
DR(4/4), 302-9
DR(3/4), 302-17
DR(3/4), 302-18
DR(3/4), 302-53
DR(4/4), 302-24
APR(7/9), 121-44B
SV A1-A7
SV D0-D7
RESET
SV-WR
SV-RD
CE
IREQ2
IREQ1
IREQ0
ERROR FLAG
DT 2F
DT SEG 0
DT SEG 1
SS CF
SYNC PLS
PP SV-REF
REC GUARD
REF SELECT
SSCF CONT
SSCF TRIG
SY 1/2 VD CLR
L;Y DO PLS
L;C DO PLS
SAT TIM P1
SAT TIM P2
FG SEL C
FG SEL 2
FG SEL 0
DRUM FG
DRUM PG
CAPSTAN FG(A) NORM
CAPSTAN FG(B) NORM
SHAPED S REEL FG(A)
SHAPED S REEL FG(B)
SHAPED T REEL FG(A)
SHAPED T REEL FG(B)
SHAPED THREADING FG
CTL PLS
Y PB SYNC
SWITCHED CTL
NC
PB LTC
CTL SIG
1/2 VD
GND
CTL SIG
CTL PULSE
FRAME PULSE
TR CONT
TR CONT
TAPE DIRECTION
CAPSTAN FG A
CAPSTAN FG(A)
CAPSTAN FG(B)
FG SEL 1
CAPSTAN FG(A)ANA
CAPSTAN FG(B) ANA
CAPSTAN FG(B)ANA
CAPSTAN 2FG A
CAPSTAN 2FG B
L;DRUM REC EN
SY 1/2 VD
SY 1/2 VD
SY 1/2 VD
SY 1/2 VD
IREQ1
ERROR FLAG 5V
DT 2F 5V
DT SEG 0 5V
DT SEG 1 5V
NC
GND-2
GND-2
GND-2
TIM PLS TP801
SYNC PLS TP802
PB LTC TP2800
CTL SIG TP800
SS CF TP2803
CTL PULSE TP813 TP815
DRUM PG TP814
DRUM FG TP812
TP808 TP810
SERVO V 1/2VD TP817 TP819
D/A TEST-2 TP803
D/A TEST-1 TP820



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

SS-52A BOARD: 1-648-535-11
SS-52 BOARD: 1-648-535-21

LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

DUS-694 BOARD

BOARD NO. 1-649-686-11

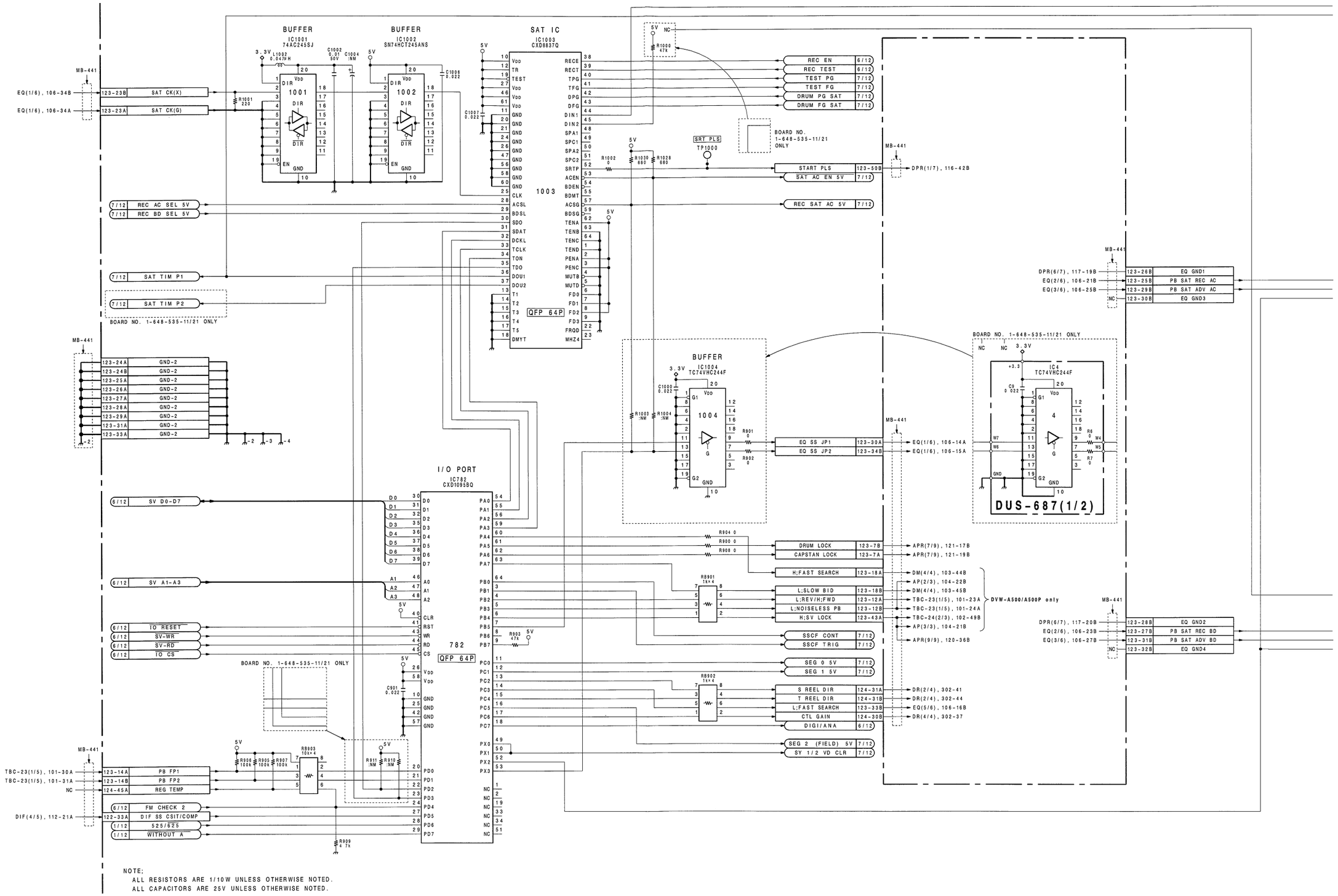
Servo Motor Control Process

SS-52A/52 BOARD (7/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

SS-52A/52 (8/12)



1-146

SS-52A/52 (8/12)

LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

DUS-687 BOARD

BOARD NO. 1-649-491-11

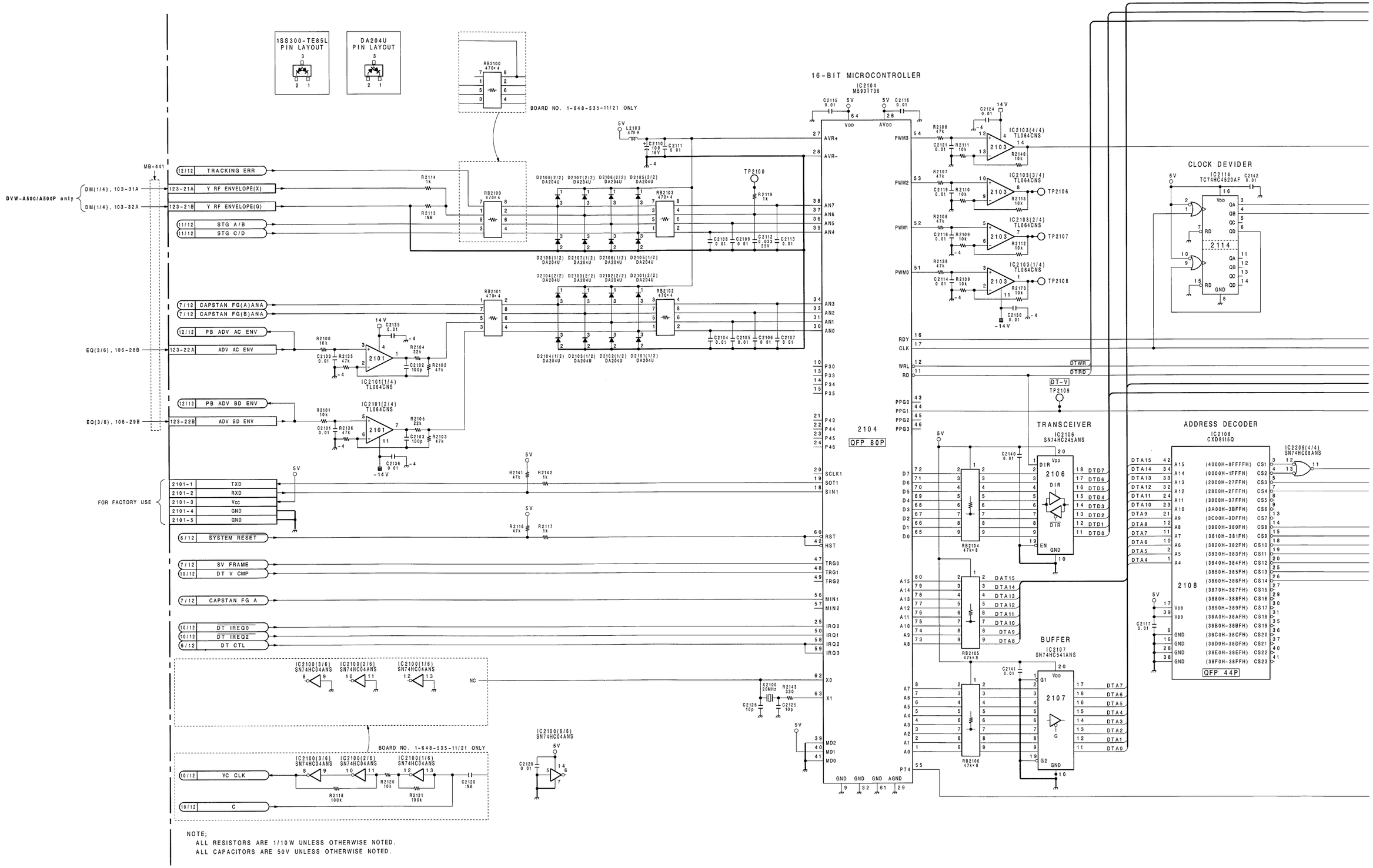
SAT Process, Servo Control Signal GEN.

SS-52A/52 BOARD (8/12)

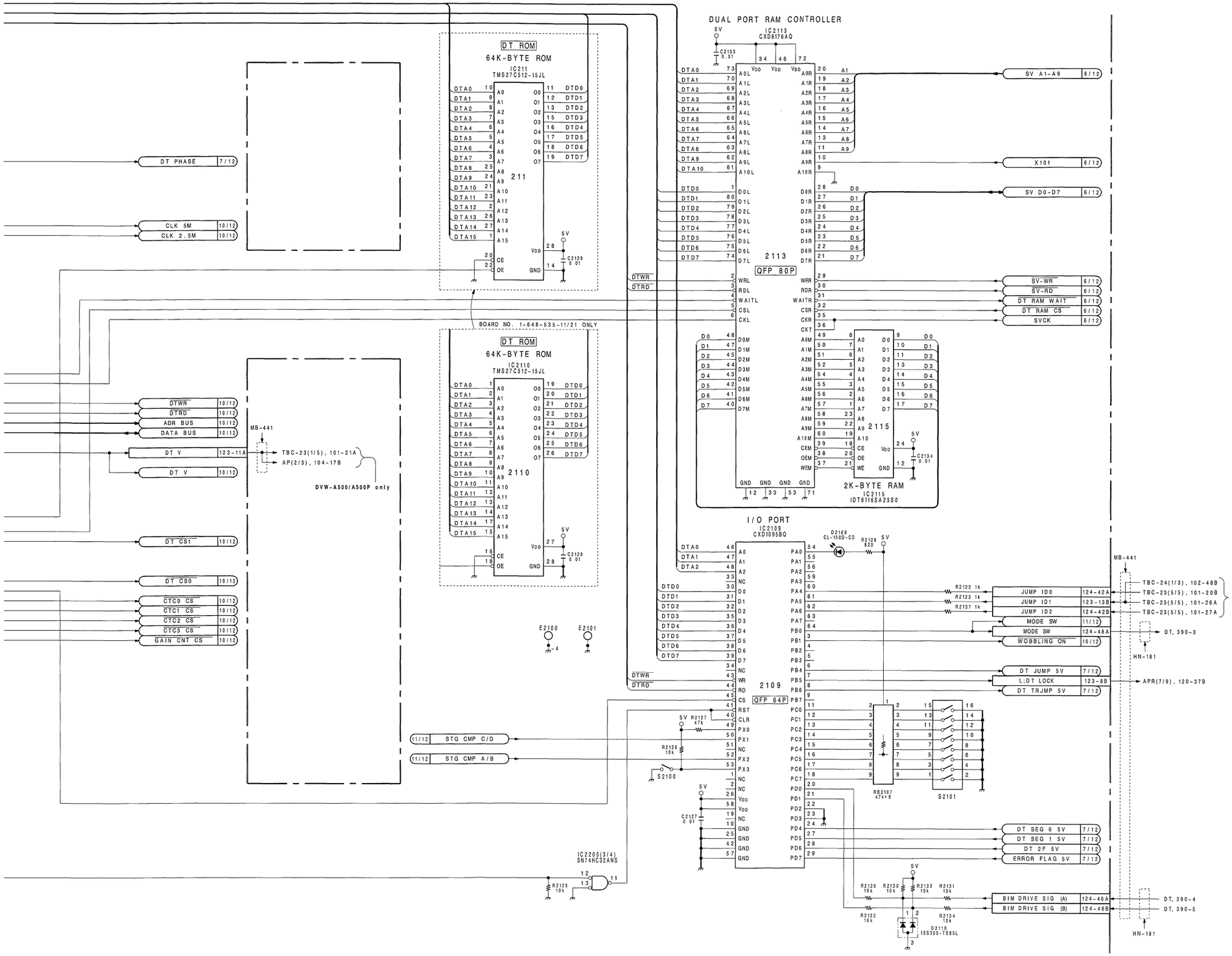
BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

SS-52A/52 (9/12)



1-148



LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

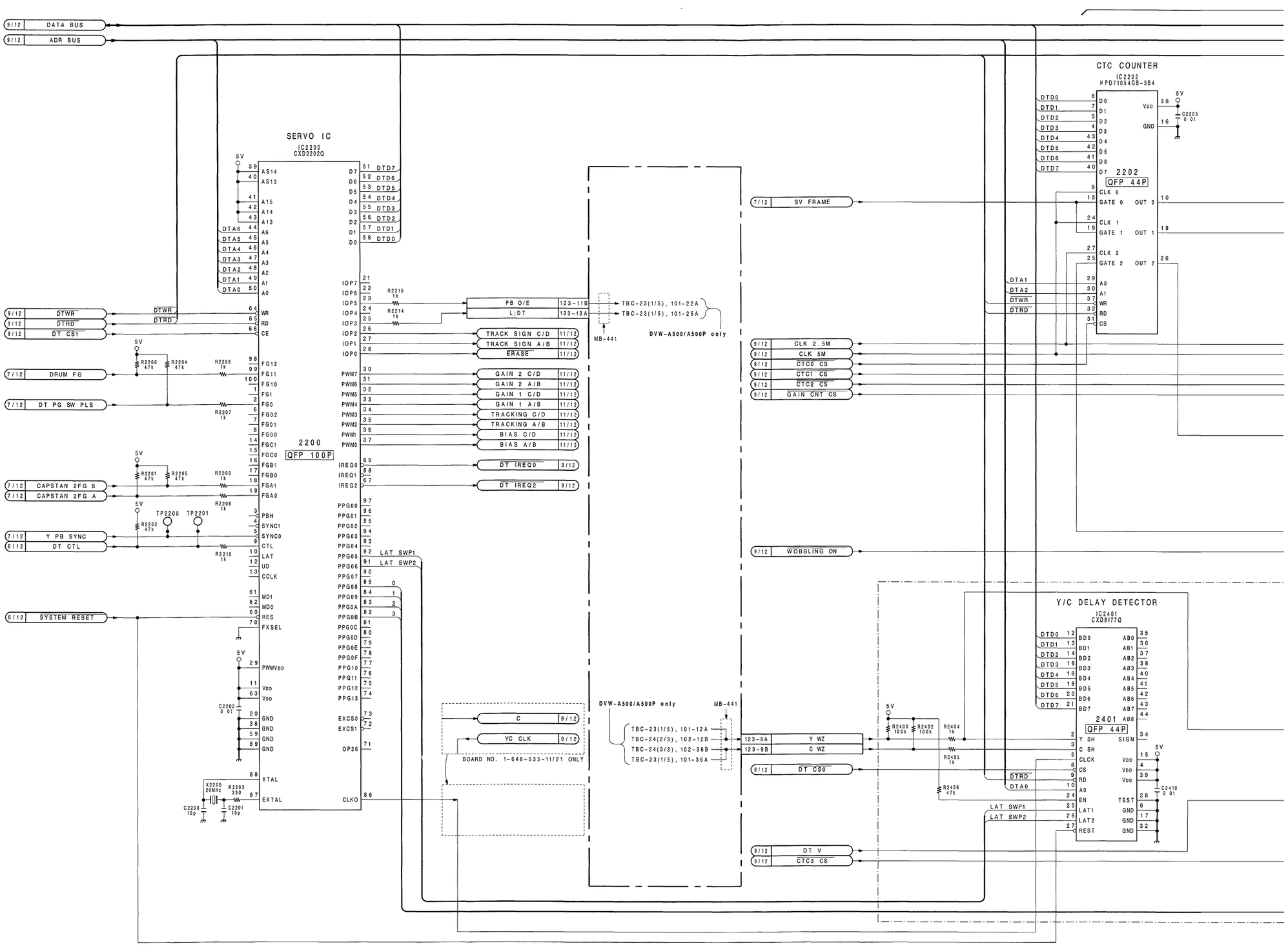
DT Servo Process Control

SS-52A/52 BOARD (9/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

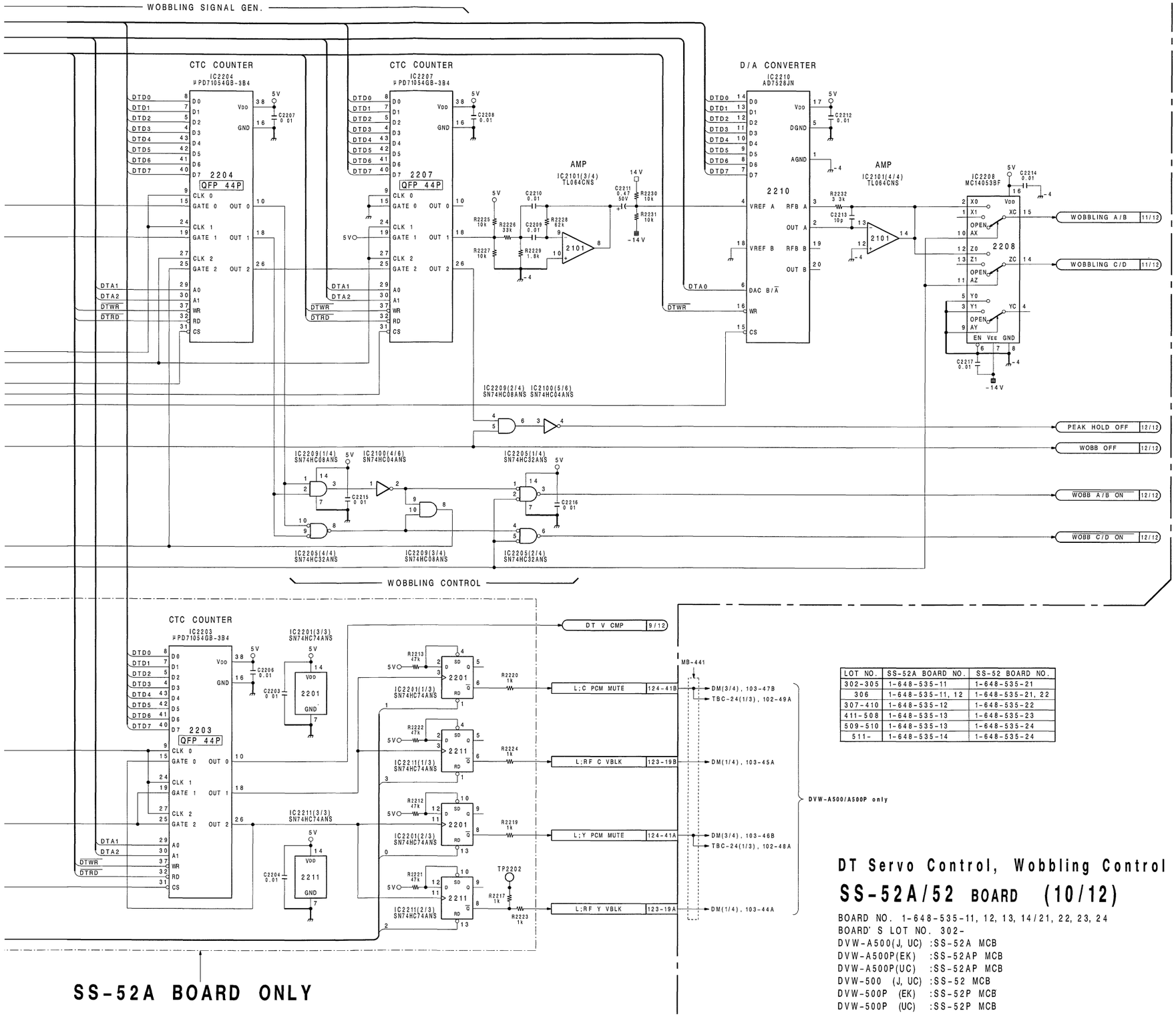
DVW-SS52-ALL-REC-S/M-05

SS-52A/52 (10/12)



1-150

SS-52A/52 (10/12)



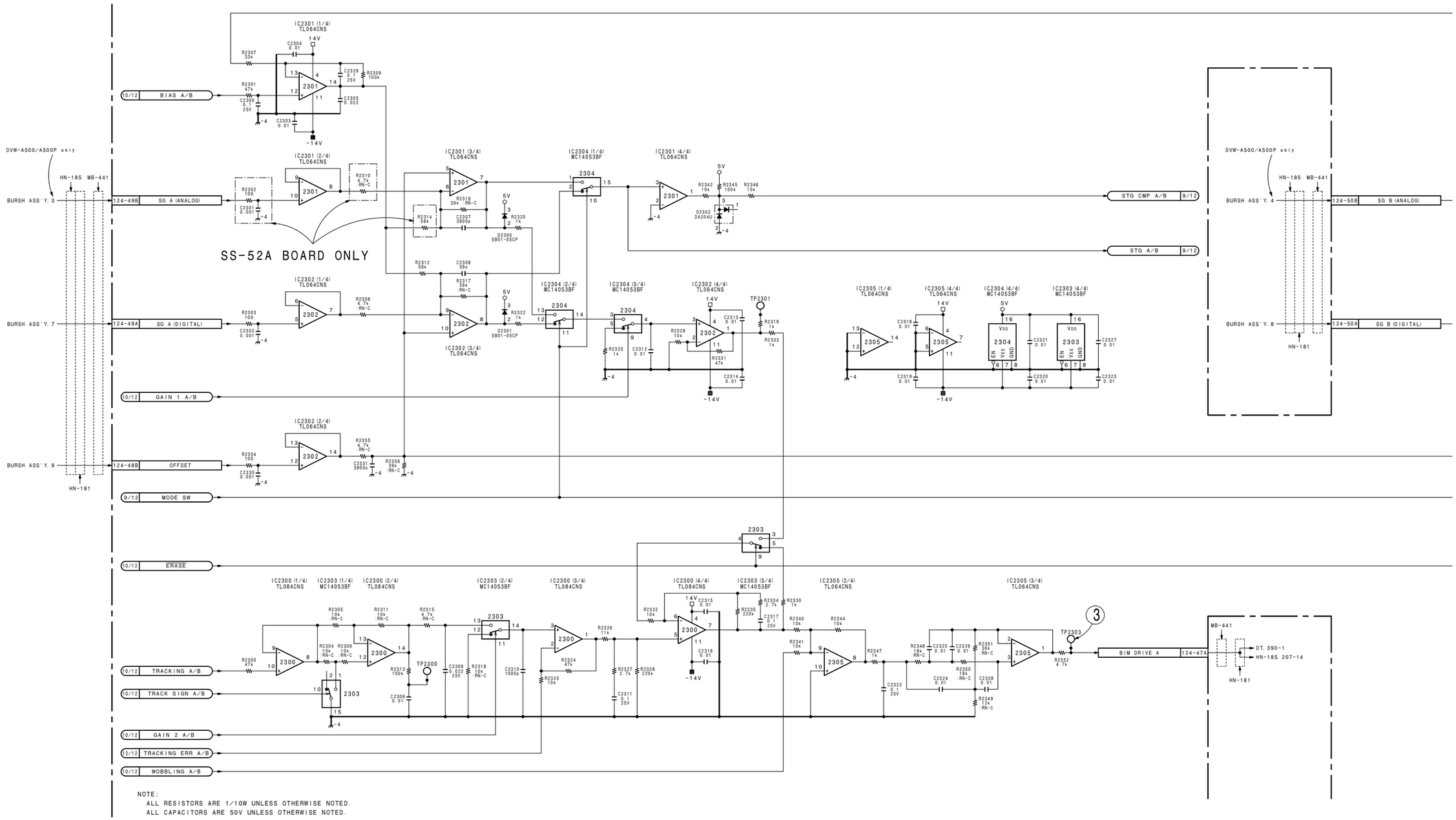
LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

DT Servo Control, Wobbling Control

SS-52A/52 BOARD (10/12)

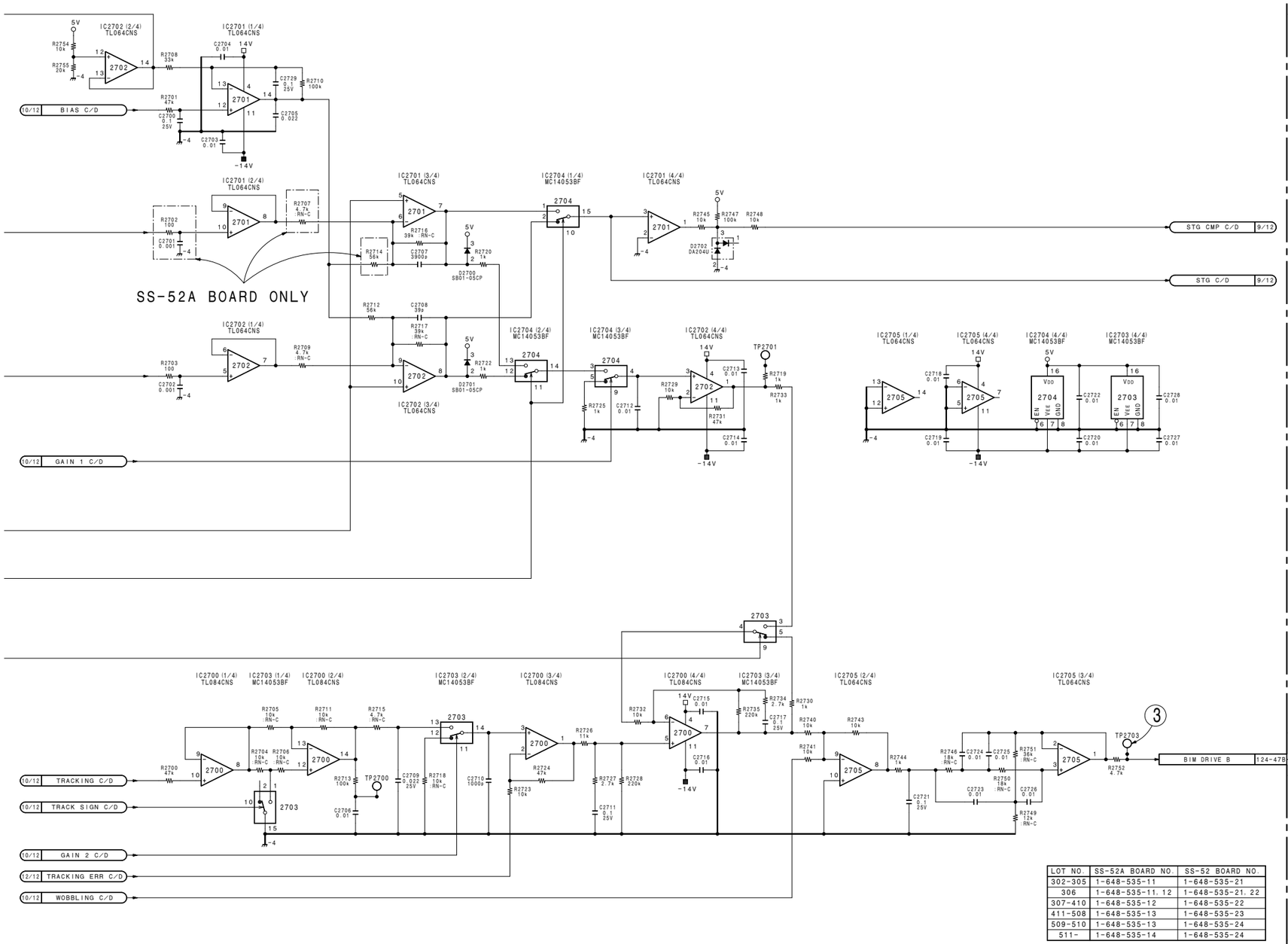
BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

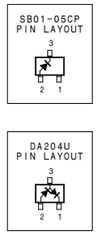
DVW-SS52-ALL-REC-S/M-05



NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

SS-52A/52 (11/12)





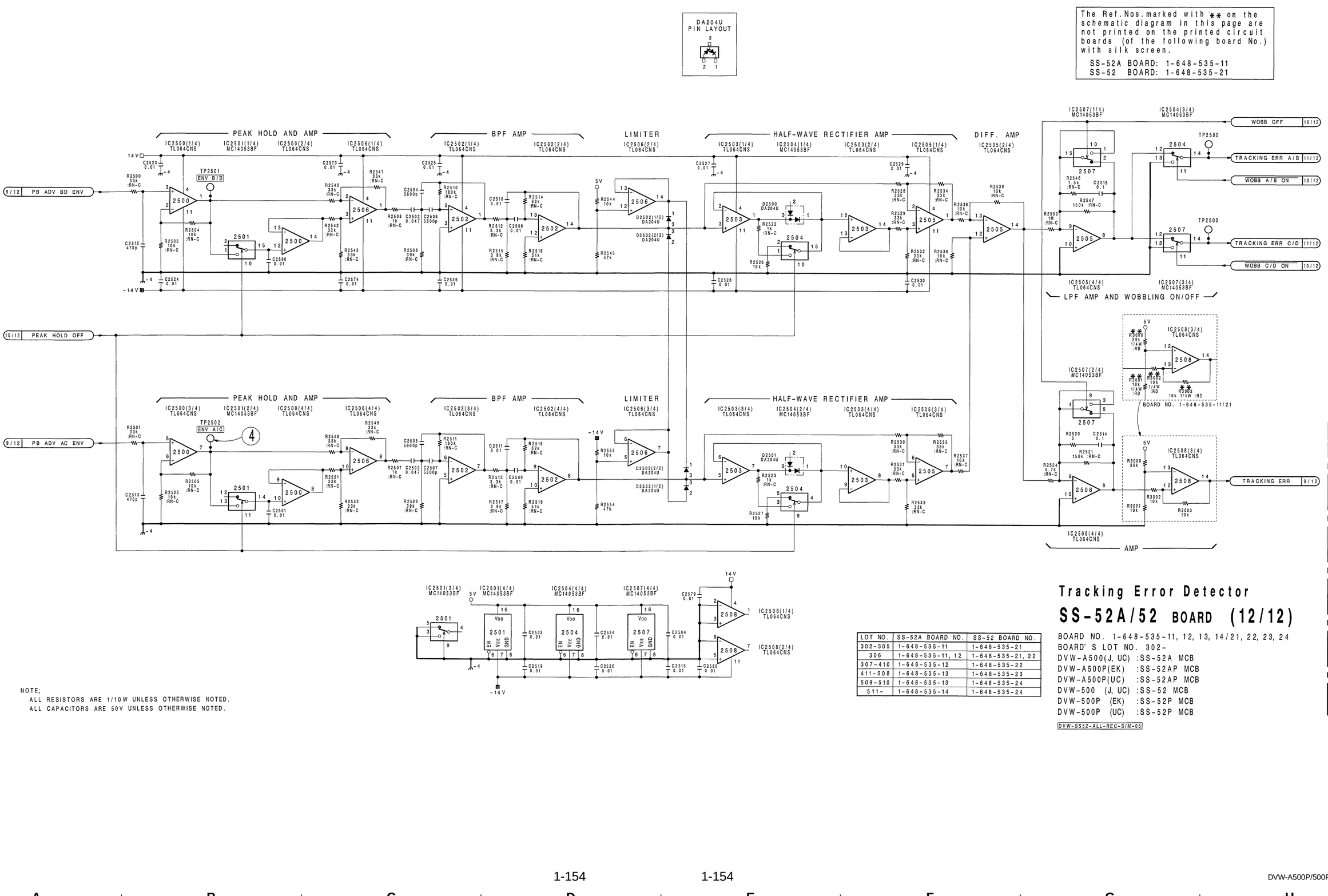
LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511-	1-648-535-14	1-648-535-24

Audio/Video System Control

SS-52A/52 BOARD (11/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD'S LOT NO. 302-
DVW-A500 (J, UC) : SS-52A MCB
DVW-A500P (EK) : SS-52AP MCB
DVW-A500P (UC) : SS-52AP MCB
DVW-500 (J, UC) : SS-52 MCB
DVW-500P (EK) : SS-52P MCB
DVW-500P (UC) : SS-52P MCB

DVW-SS52-ALL-REC-S/M-05



NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

LOT NO.	SS-52A BOARD NO.	SS-52 BOARD NO.
302-305	1-648-535-11	1-648-535-21
306	1-648-535-11, 12	1-648-535-21, 22
307-410	1-648-535-12	1-648-535-22
411-508	1-648-535-13	1-648-535-23
509-510	1-648-535-13	1-648-535-24
511~	1-648-535-14	1-648-535-24

Tracking Error Detector

SS-52A/52 BOARD (12/12)

BOARD NO. 1-648-535-11, 12, 13, 14/21, 22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SS-52A MCB
DVW-A500P(EK) :SS-52AP MCB
DVW-A500P(UC) :SS-52AP MCB
DVW-500 (J, UC) :SS-52 MCB
DVW-500P (EK) :SS-52P MCB
DVW-500P (UC) :SS-52P MCB

DVW-SS52-ALL-REC-S/M-05

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DT-34 BOARD: 1-648-554-11

LOT NO.	BOARD NO.
302-306	1-648-554-11
307-	1-648-554-12/22

DC-DC CONVERTER

Q1 2SC3518-L Q2 2SC3518-L

CAUTION Q1 and Q2; High temperatnres

Fuse type is TIME-LAG when (EK) model

LOT NO.307-

LOT NO.302-306

DRIVE AMP

IC1(2/2) TL082CPS Q3 2SA1156-2L Q4 2SC3632-K Q5 2SC3632-K Q6 2SC4213B Q7 2SA1611 Q8 2SA1413-L

REF. VOLTAGE GEN.

IC3(1/2) TL082CPS IC3(2/2) TL082CPS Q15 2SD1615A

LIMITER

IC2(1/2) TL082CPS IC2(2/2) TL082CPS IC4(1/2) TL082CPS IC4(2/2) TL082CPS

IC5(1/2) TL082CPS BUFFER

IC6 TL431CPS

Q16 DTC144EU

RY1 ATQ203

HN-181

DR(4/4), 303-9	213-9	208-8	390-8 +13V
15V	208-7	390-7	REG +15V
	208-9	390-9	UNREG GND
-3	208-10	390-10	REG -15V
-15V			
SS(11/12), 124-47B	201-4	208-2	390-2 BIM DRIVE B
SS(11/12), 124-47A	201-3	208-1	390-1 BIM DRIVE A
SS(9/12), 124-48A	201-5	208-3	390-3 MODE SW

H;ANALOG/L;DIGITAL

BIM DRIVE SIG(B)	390-5	208-5	201-2	MB-441	SS(9/12), 124-46B
BIM DRIVE SIG(A)	390-4	208-4	201-1		SS(9/12), 124-46A
NC	391-2	209-2	NC		
GND	391-4	209-4			
NC	391-6	209-6	NC		
NC	390-6	208-6	NC		

DIGITAL DT B	391-7	209-7	207-5	207-5	241-1
ANALOG DT B	391-3	209-3	207-2	207-2	241-2
DIGITAL DT A	391-5	209-5	207-4	207-4	241-5
ANALOG DT A	391-1	209-1	207-1	207-1	241-6

HN-181 HN-185 TO BRUSH ASSEMBLY

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

1SS300-TE85L PIN LAYOUT

1SS301-TE85L PIN LAYOUT

DA204U PIN LAYOUT

Q6, Q7, Q12, Q13, Q16 PIN LAYOUT

※Repair for DT-34PG MCB is DT-34 MCB
Repair for DT-34B MCB is DT-34 MCB
Repair for DT-34BP MCB is DT-34P MCB

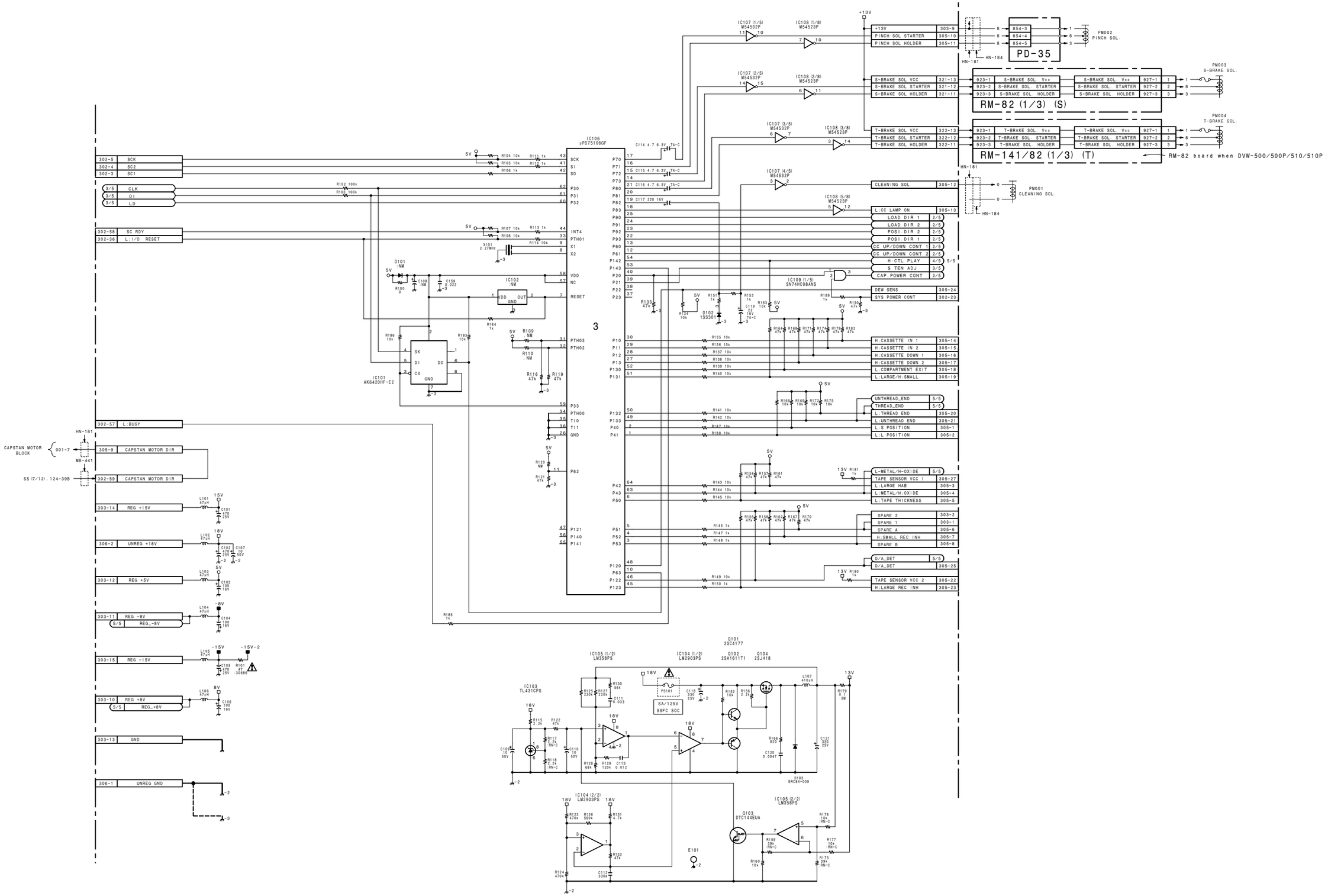
DT Driver

DT-34/34B BOARD

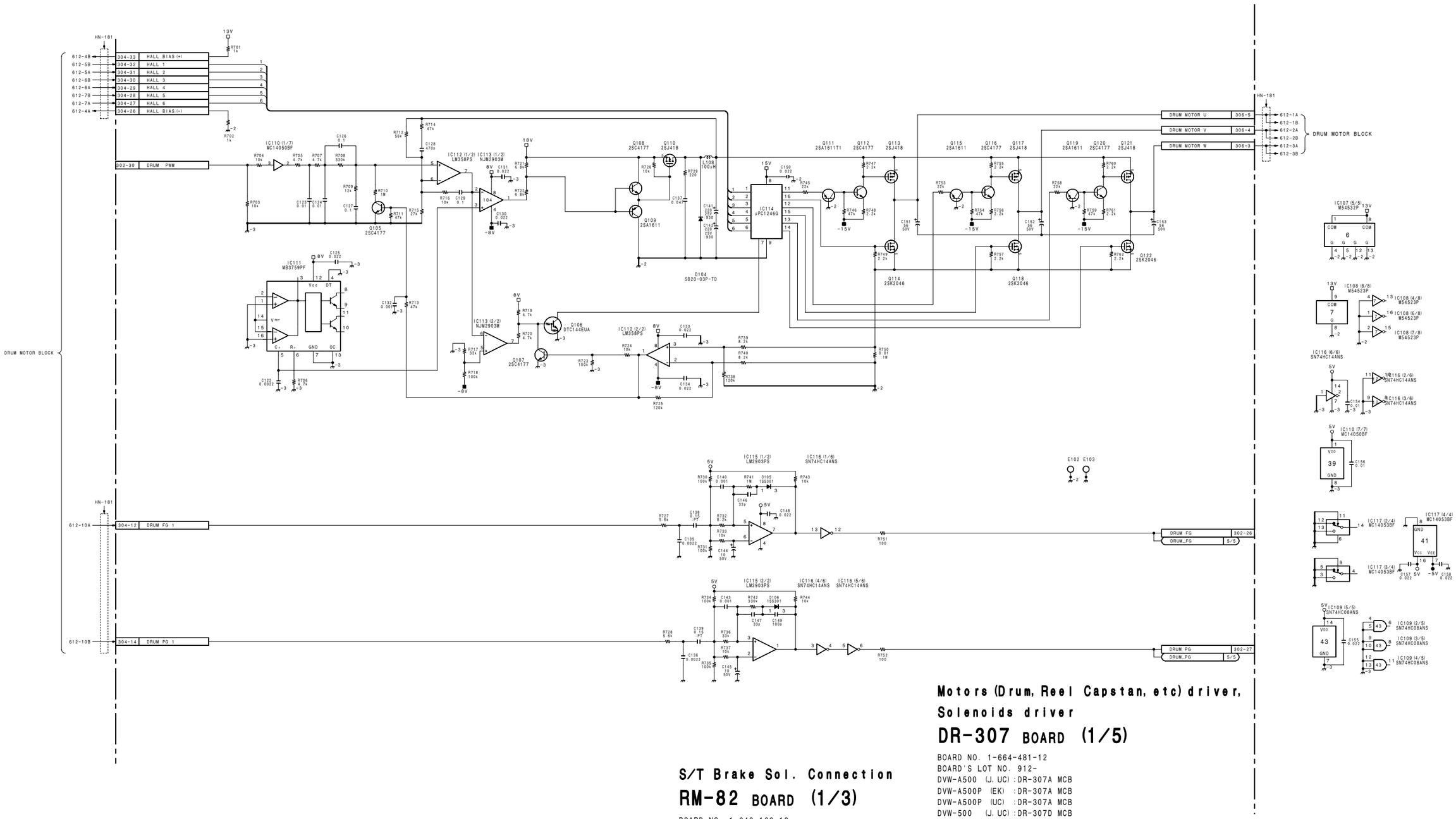
BOARD NO. 1-648-554-11, 12/22
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :DT-34 MCB
DVW-A500P (EK) :DT-34P MCB
DVW-A500P (UC) :DT-34PG MCB
DVW-500 (J, UC) :DT-34 MCB
DVW-500P (EK) :DT-34P MCB
DVW-500P (UC) :DT-34PG MCB
DVW-A510 (J, UC) :DT-34B MCB
DVW-A510P (EK) :DT-34BP MCB
DVW-510 (J, UC) :DT-34B MCB
DVW-510P (EK) :DT-34BP MCB
DVW-CA510(J, UC) :DT-34B MCB
DVW-CA510P(EK) :DT-34BP MCB

DVW-DT34-ALL-ALL-SM-04

DR-307 (1/5), RM-82/141 (1/3)



1-156 (b)



S/T Brake Sol. Connection

RM-82 BOARD (1/3)

BOARD NO. 1-640-166-13

T Brake Sol. Connection

RM-141 BOARD (1/3)

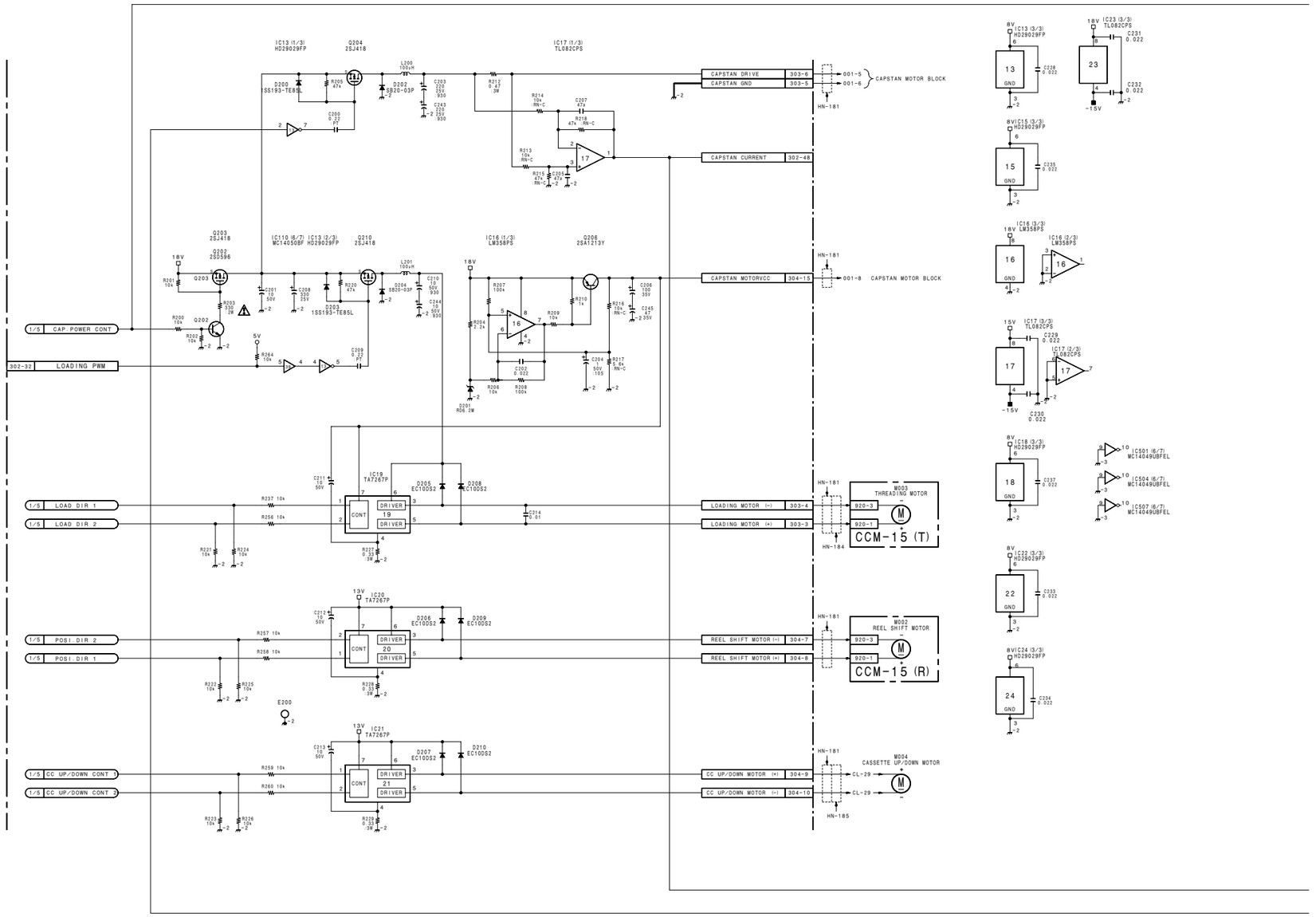
BOARD NO. 1-651-533-12

Motors (Drum, Reel Capstan, etc) driver, Solenoids driver

DR-307 BOARD (1/5)

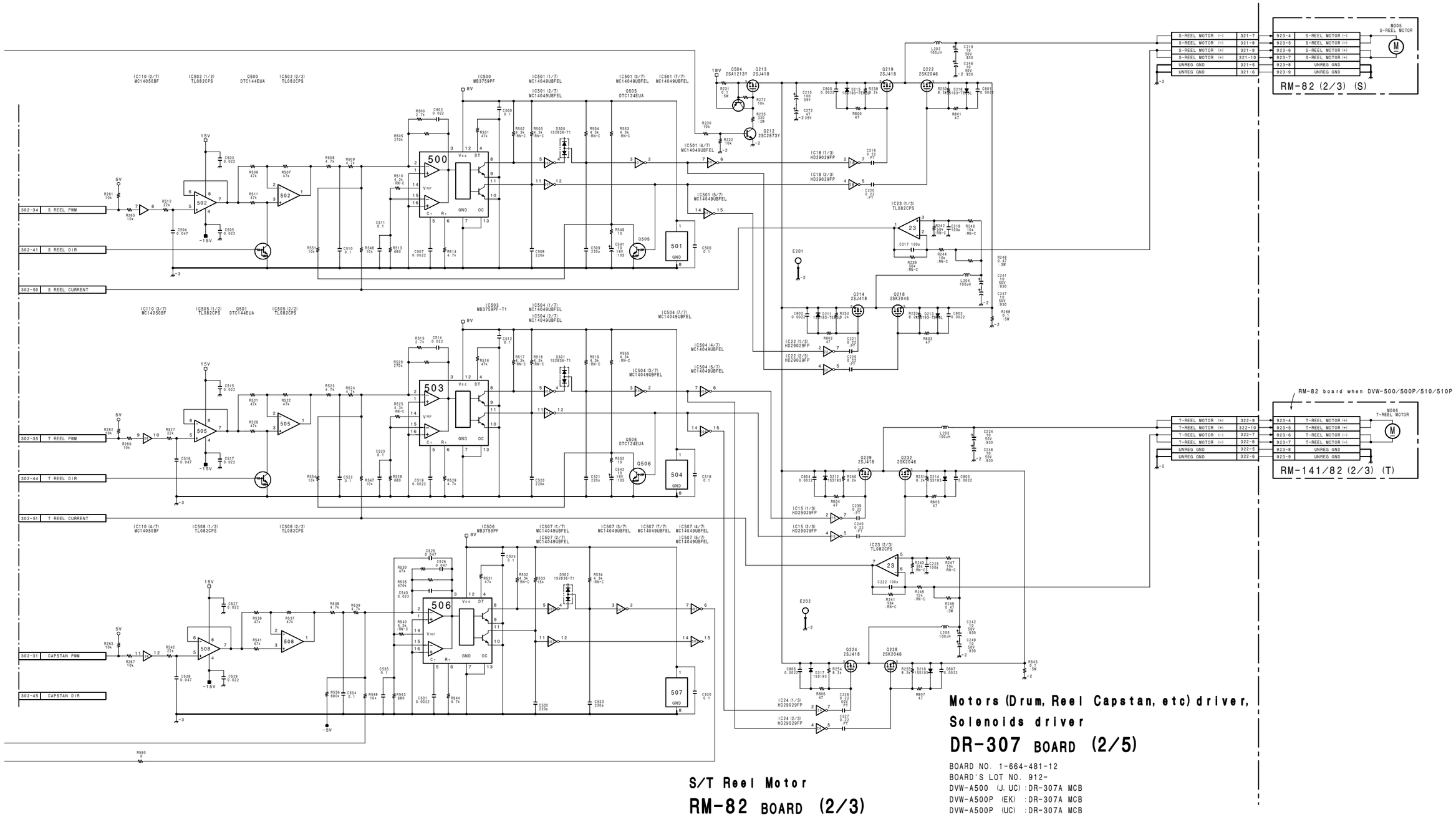
BOARD NO. 1-664-481-12
BOARD'S LOT NO. 912-
DVW-A500 (J, UC) : DR-307A MCB
DVW-A500P (EK) : DR-307A MCB
DVW-A500P (UC) : DR-307A MCB
DVW-500 (J, UC) : DR-307D MCB
DVW-500P (EK) : DR-307D MCB
DVW-500P (UC) : DR-307D MCB
DVW-A510 (J, UC) : DR-307A MCB
DVW-A510P (EK) : DR-307A MCB
DVW-510 (J, UC) : DR-307D MCB
DVW-510P (EK) : DR-307D MCB
DVW-CA510 (J, UC) : DR-307A MCB
DVW-CA510P (EK) : DR-307A MCB

DR-307 (2/5), RM-82/141 (2/3)



1-158 (b)

DR-307 (2/5), RM-82/141 (2/3)



S/T Reel Motor

RM-82 BOARD (2/3)

BOARD NO. 1-640-166-13

T Reel Motor

RM-141 BOARD (2/3)

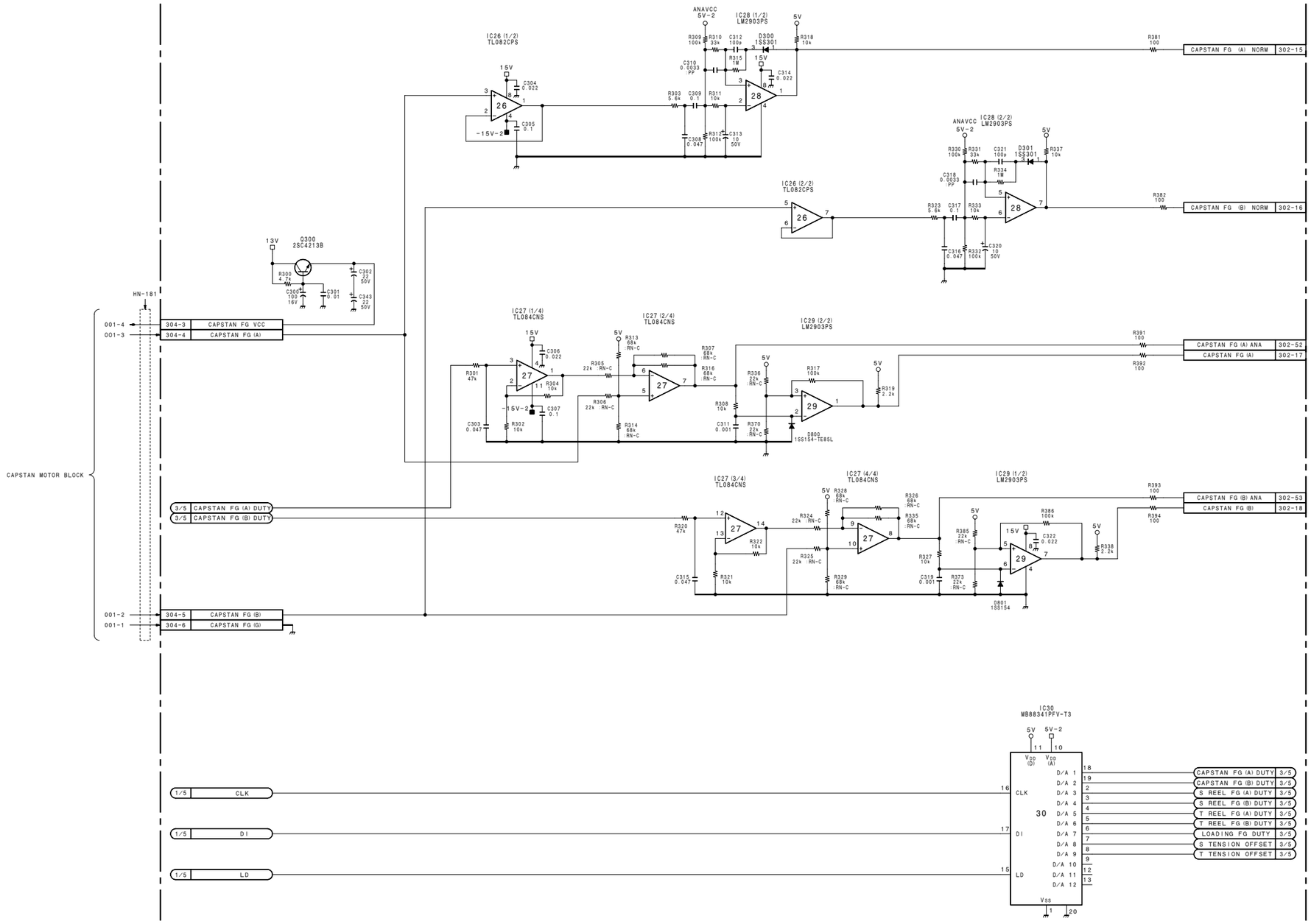
BOARD NO. 1-651-533-12

Motors (Drum, Reel Capstan, etc) driver, Solenoids driver

DR-307 BOARD (2/5)

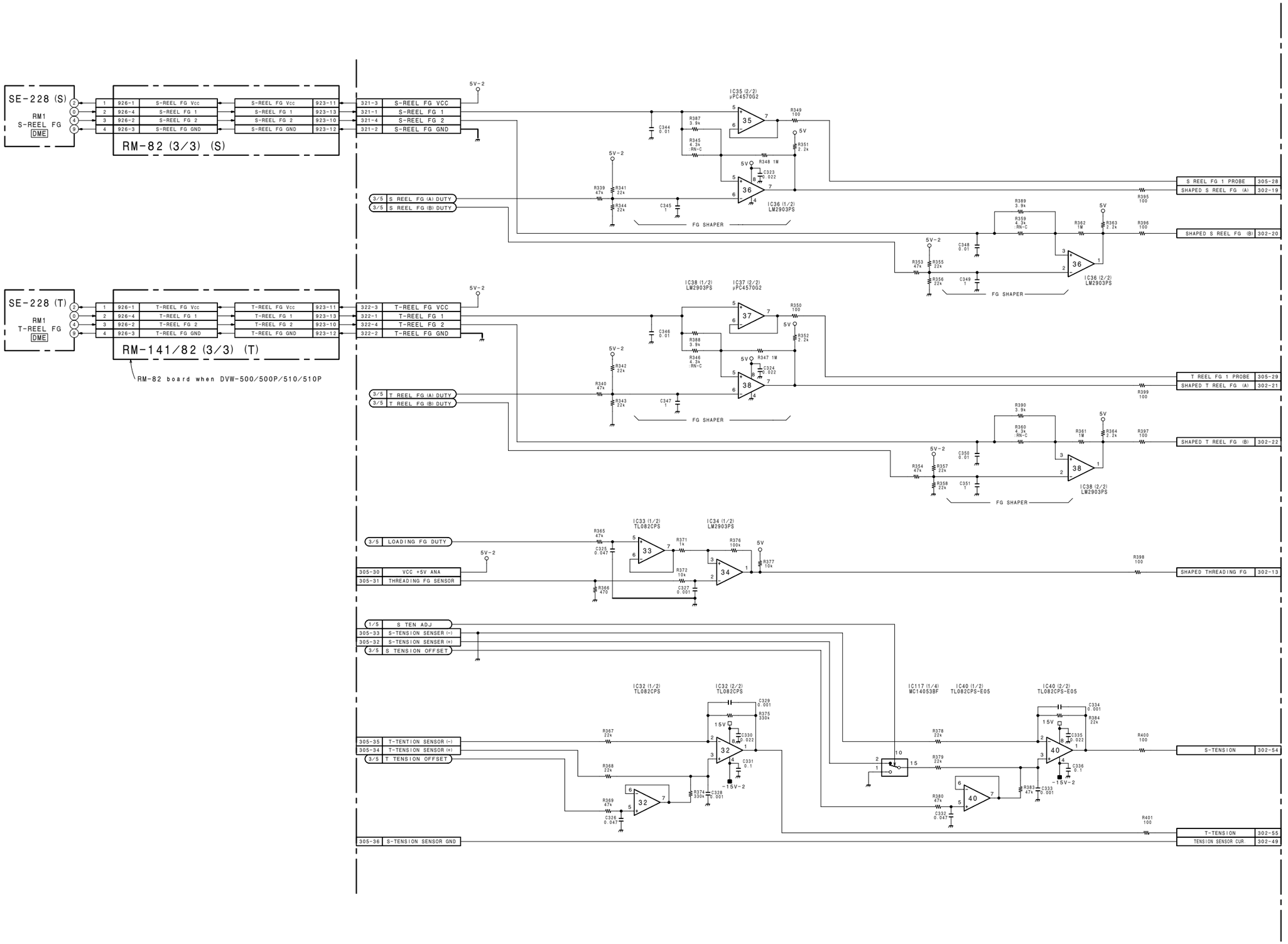
BOARD NO. 1-664-481-12
BOARD'S LOT NO. 912-
DVW-A500 (J, UC) : DR-307A MCB
DVW-A500P (EK) : DR-307A MCB
DVW-A500P (UC) : DR-307A MCB
DVW-500 (J, UC) : DR-307D MCB
DVW-500P (EK) : DR-307D MCB
DVW-500P (UC) : DR-307D MCB
DVW-A510 (J, UC) : DR-307A MCB
DVW-A510P (EK) : DR-307A MCB
DVW-510 (J, UC) : DR-307D MCB
DVW-510P (EK) : DR-307D MCB
DVW-CA510 (J, UC) : DR-307A MCB
DVW-CA510P (EK) : DR-307A MCB

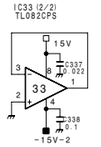
DR-307 (3/5), RM-82/141 (3/3)



1-160 (b)

DR-307 (3/5), RM-82/141 (3/3)





S/T Reel FG

SE-228 BOARD

BOARD NO. 1-649-617-11

S/T Reel FG Connection

RM-82 BOARD (3/3)

BOARD NO. 1-640-166-13

T Reel FG Connection

RM-141 BOARD (3/3)

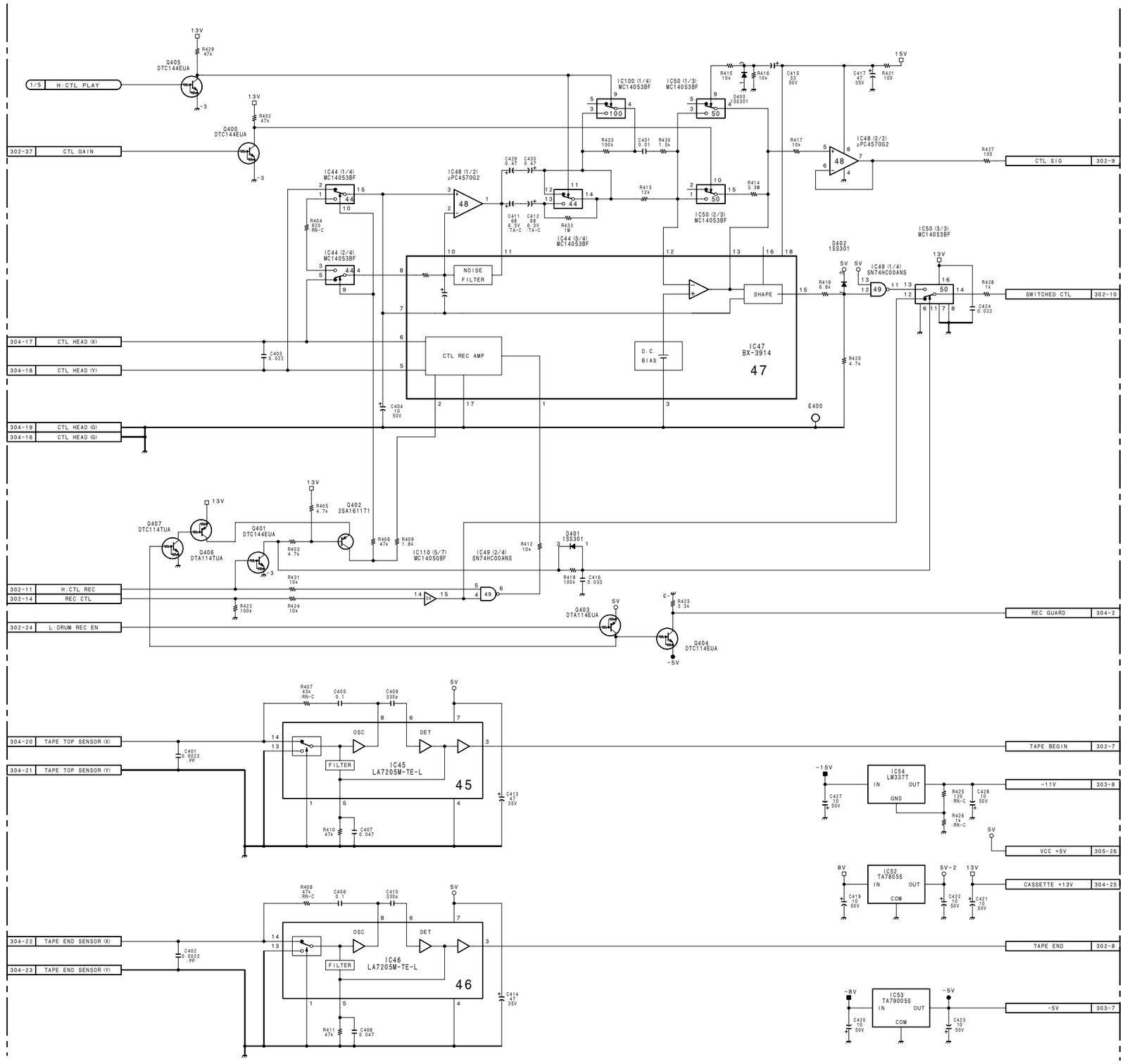
BOARD NO. 1-651-533-12

Motors (Drum, Reel Capstan, etc) driver, Solenoids driver

DR-307 BOARD (3/5)

BOARD NO. 1-664-481-12
BOARD'S LOT NO. 912-
DVW-A500 (J, UC) : DR-307A MCB
DVW-A500P (EK) : DR-307A MCB
DVW-A500P (UC) : DR-307A MCB
DVW-500 (J, UC) : DR-307D MCB
DVW-500P (EK) : DR-307D MCB
DVW-500P (UC) : DR-307D MCB
DVW-A510 (J, UC) : DR-307A MCB
DVW-A510P (EK) : DR-307A MCB
DVW-510 (J, UC) : DR-307D MCB
DVW-510P (EK) : DR-307D MCB
DVW-CA510 (J, UC) : DR-307A MCB
DVW-CA510P (EK) : DR-307A MCB

DR-307 (4/5)



Motors (Drum, Reel Capstan, etc) driver, Solenoids driver

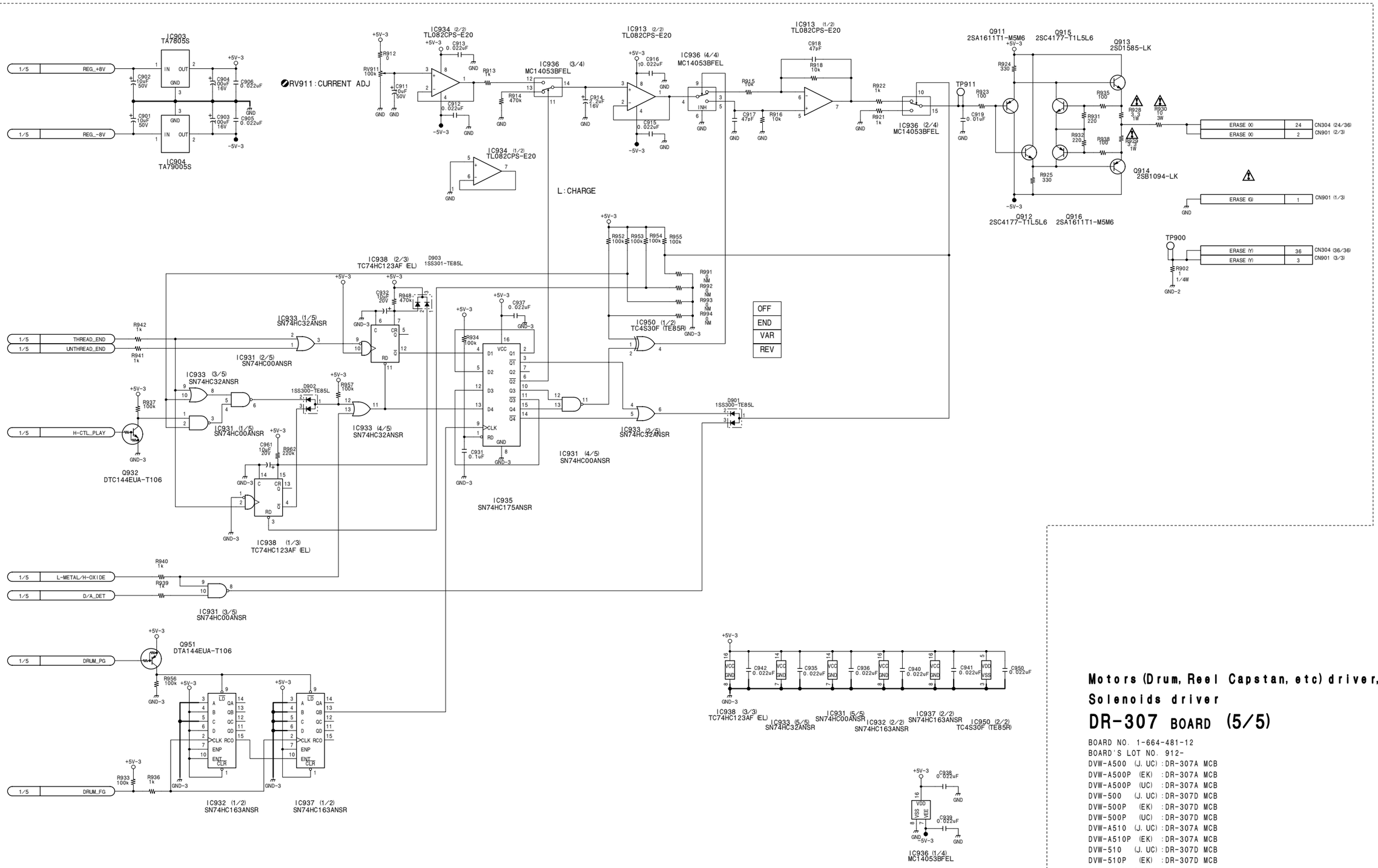
DR-307 BOARD (4/5)

BOARD NO. 1-664-481-12
BOARD'S LOT NO. 912-

DVW-A500 (J, UC) : DR-307A MCB
DVW-A500P (EK) : DR-307A MCB
DVW-A500P (UC) : DR-307A MCB
DVW-500 (J, UC) : DR-307D MCB
DVW-500P (EK) : DR-307D MCB
DVW-500P (UC) : DR-307D MCB
DVW-A510 (J, UC) : DR-307A MCB
DVW-A510P (EK) : DR-307A MCB
DVW-510 (J, UC) : DR-307D MCB
DVW-510P (EK) : DR-307D MCB
DVW-CA510 (J, UC) : DR-307A MCB
DVW-CA510P (EK) : DR-307A MCB

1-162 (b)

DR-307A MCB ONLY
(DR-307D NO MOUNTED)



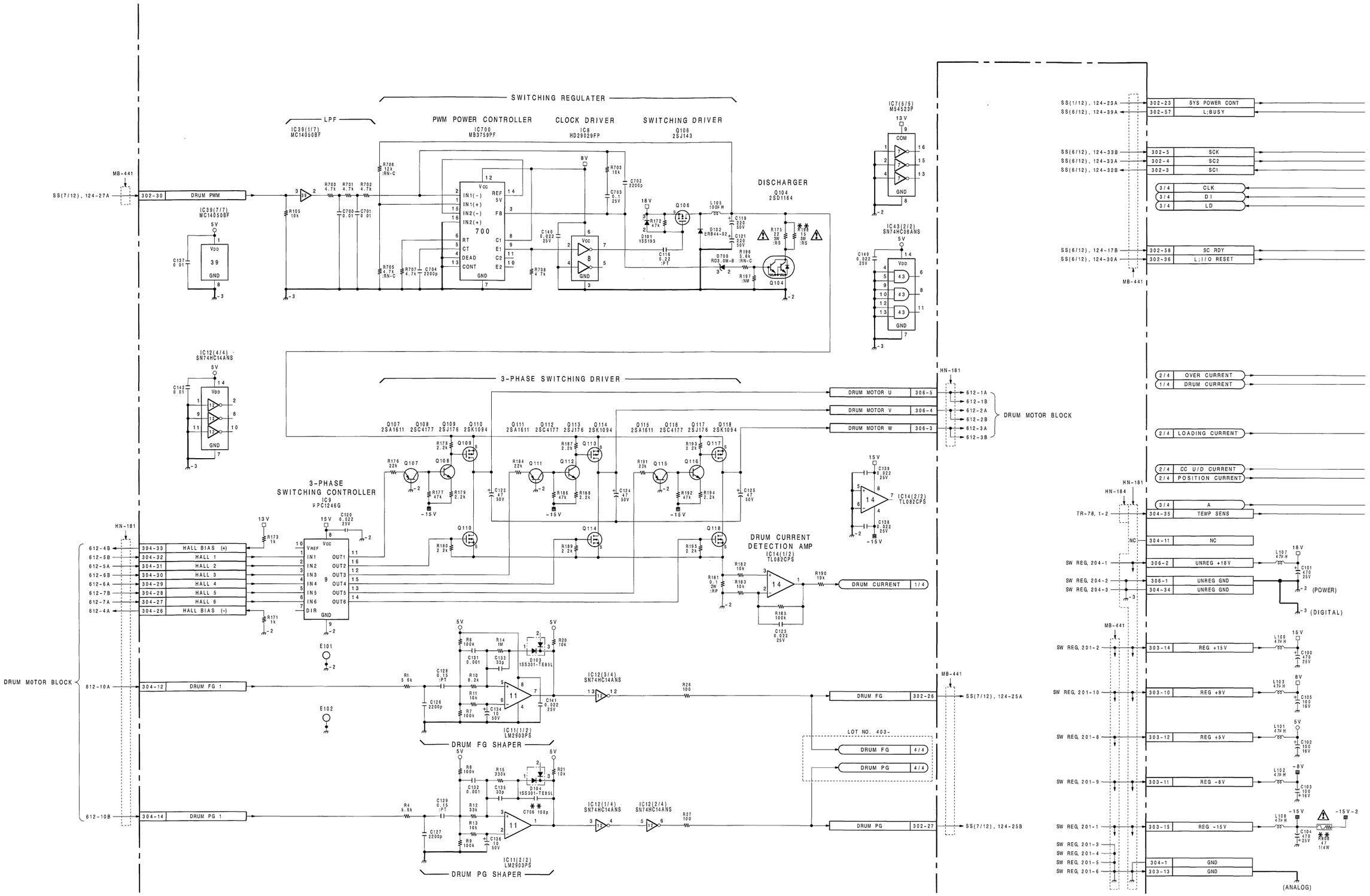
Motors (Drum, Reel Capstan, etc) driver, Solenoids driver

DR-307 BOARD (5/5)

BOARD NO. 1-664-481-12
BOARD'S LOT NO. 912-

DVW-A500	(J, UC)	: DR-307A MCB
DVW-A500P	(EK)	: DR-307A MCB
DVW-A500P	(UC)	: DR-307A MCB
DVW-500	(J, UC)	: DR-307D MCB
DVW-500P	(EK)	: DR-307D MCB
DVW-500P	(UC)	: DR-307D MCB
DVW-A510	(J, UC)	: DR-307A MCB
DVW-A510P	(EK)	: DR-307A MCB
DVW-510	(J, UC)	: DR-307D MCB
DVW-510P	(EK)	: DR-307D MCB
DVW-CA510	(J, UC)	: DR-307A MCB
DVW-CA510P	(EK)	: DR-307A MCB

DR-200 (1/4), RM-82/141 (1/3)

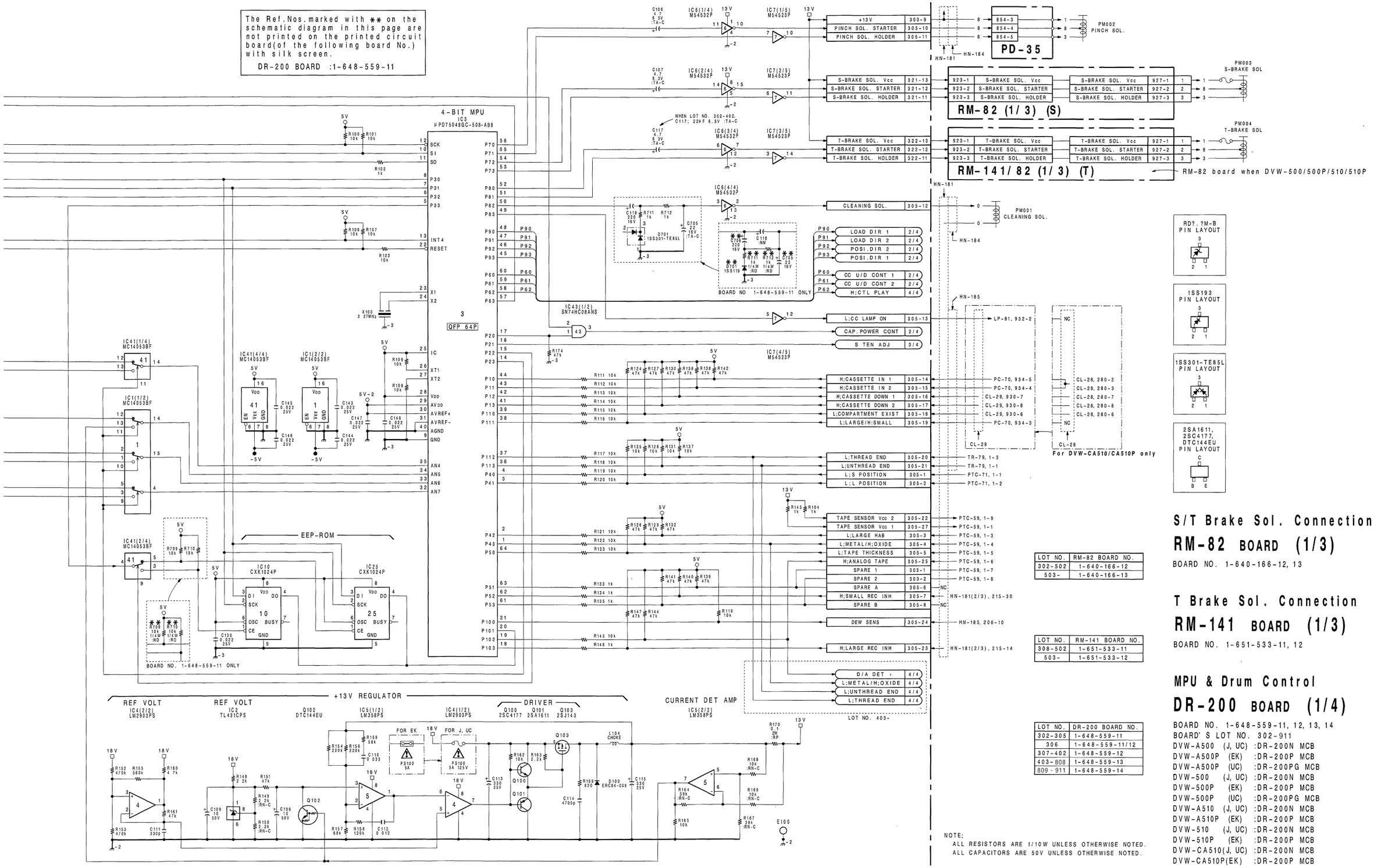


1-156 (a)

DR-200 (1/4), RM-82/141 (1/3)

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board(of the following board No.) with silk screen.

DR-200 BOARD :1-648-559-11



LOT NO.	RM-82 BOARD NO.
302-502	1-640-166-12
503-	1-640-166-13

LOT NO.	RM-141 BOARD NO.
308-502	1-651-533-11
503-	1-651-533-12

LOT NO.	DR-200 BOARD NO.
302-305	1-648-559-11
306	1-648-559-11/12
307-402	1-648-559-12
403-808	1-648-559-13
809-911	1-648-559-14

S/T Brake Sol. Connection

RM-82 BOARD (1/3)

BOARD NO. 1-640-166-12, 13

T Brake Sol. Connection

RM-141 BOARD (1/3)

BOARD NO. 1-651-533-11, 12

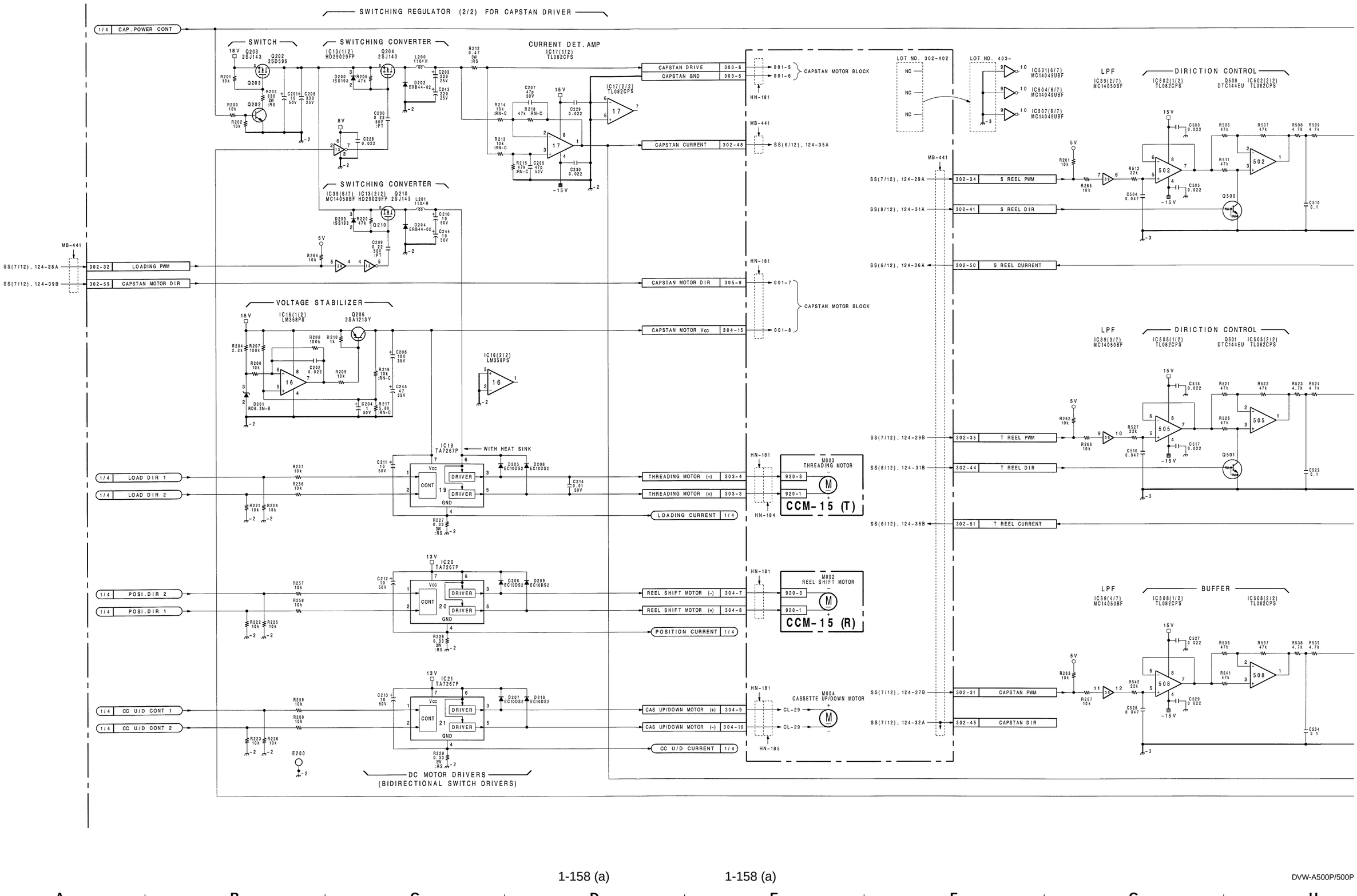
MPU & Drum Control

DR-200 BOARD (1/4)

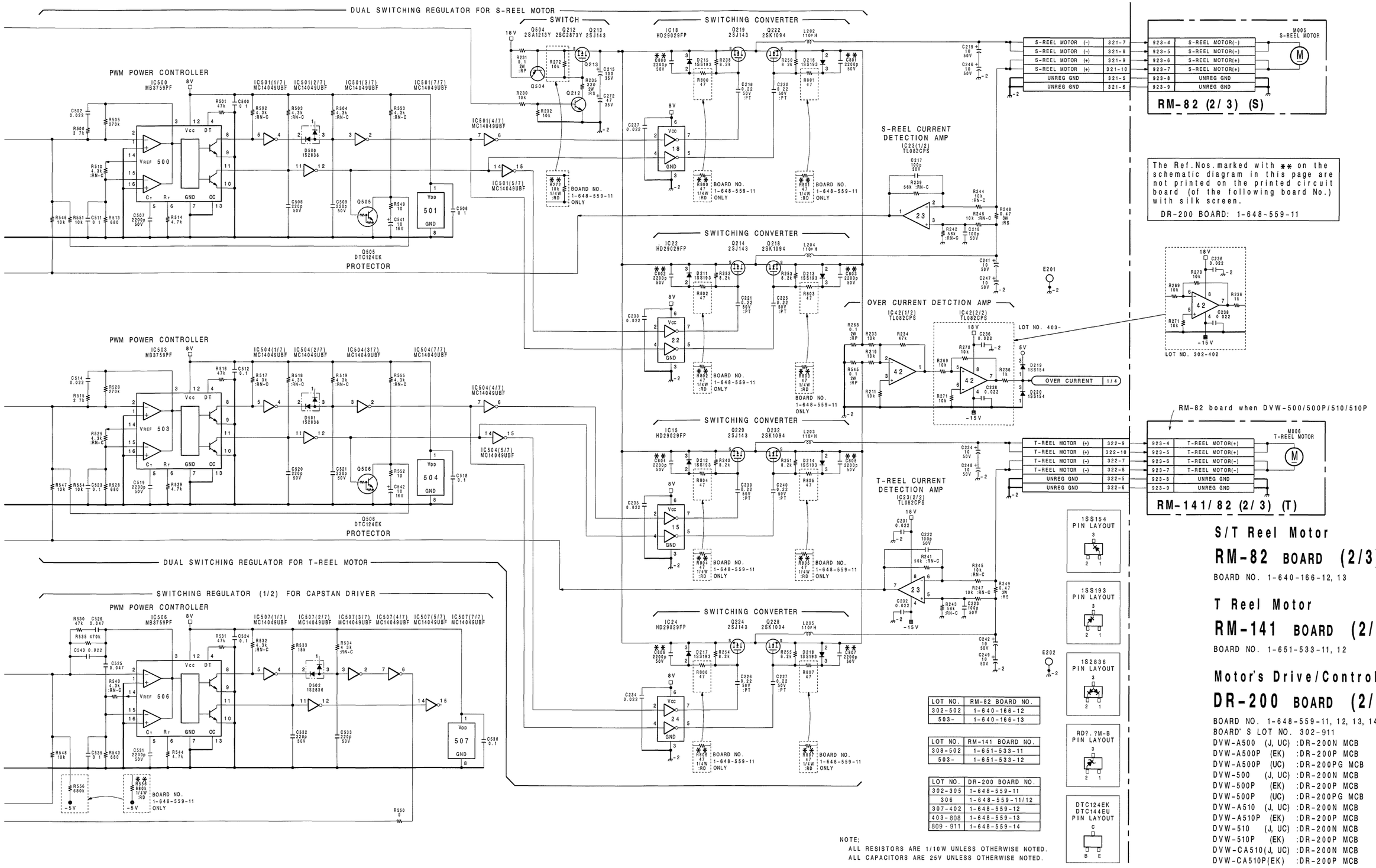
BOARD NO. 1-648-559-11, 12, 13, 14
BOARD' S LOT NO. 302-911
DVW-A500 (J, UC) :DR-200N MCB
DVW-A500P (EK) :DR-200P MCB
DVW-A500P (UC) :DR-200PG MCB
DVW-500 (J, UC) :DR-200N MCB
DVW-500P (EK) :DR-200P MCB
DVW-500P (UC) :DR-200PG MCB
DVW-A510 (J, UC) :DR-200N MCB
DVW-A510P (EK) :DR-200P MCB
DVW-510 (J, UC) :DR-200N MCB
DVW-510P (EK) :DR-200P MCB
DVW-CA510(J, UC) :DR-200N MCB
DVW-CA510P(EK) :DR-200P MCB

DVW-DR200-ALL-ALL-S/M-08

DR-200 (2/4), RM-82/141 (2/3)



DR-200 (2/4), RM-82/141 (2/3)



LOT NO.	RM-82 BOARD NO.
302-502	1-640-166-12
503-	1-640-166-13

LOT NO.	RM-141 BOARD NO.
308-502	1-651-533-11
503-	1-651-533-12

LOT NO.	DR-200 BOARD NO.
302-305	1-648-559-11
306	1-648-559-11/12
307-402	1-648-559-12
403-808	1-648-559-13
809 - 911	1-648-559-14

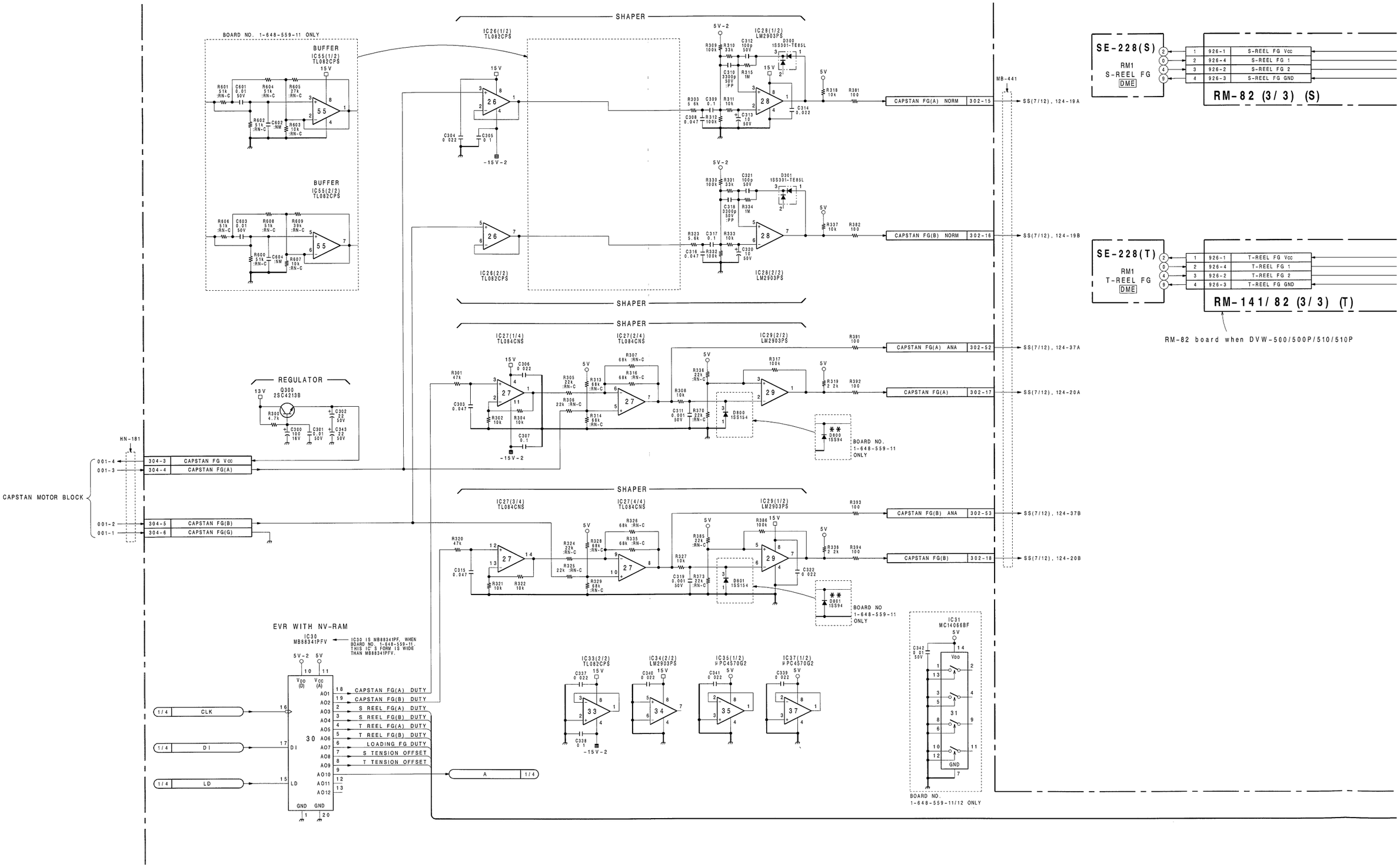
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

S/T Reel Motor
RM-82 BOARD (2/3)
BOARD NO. 1-640-166-12, 13

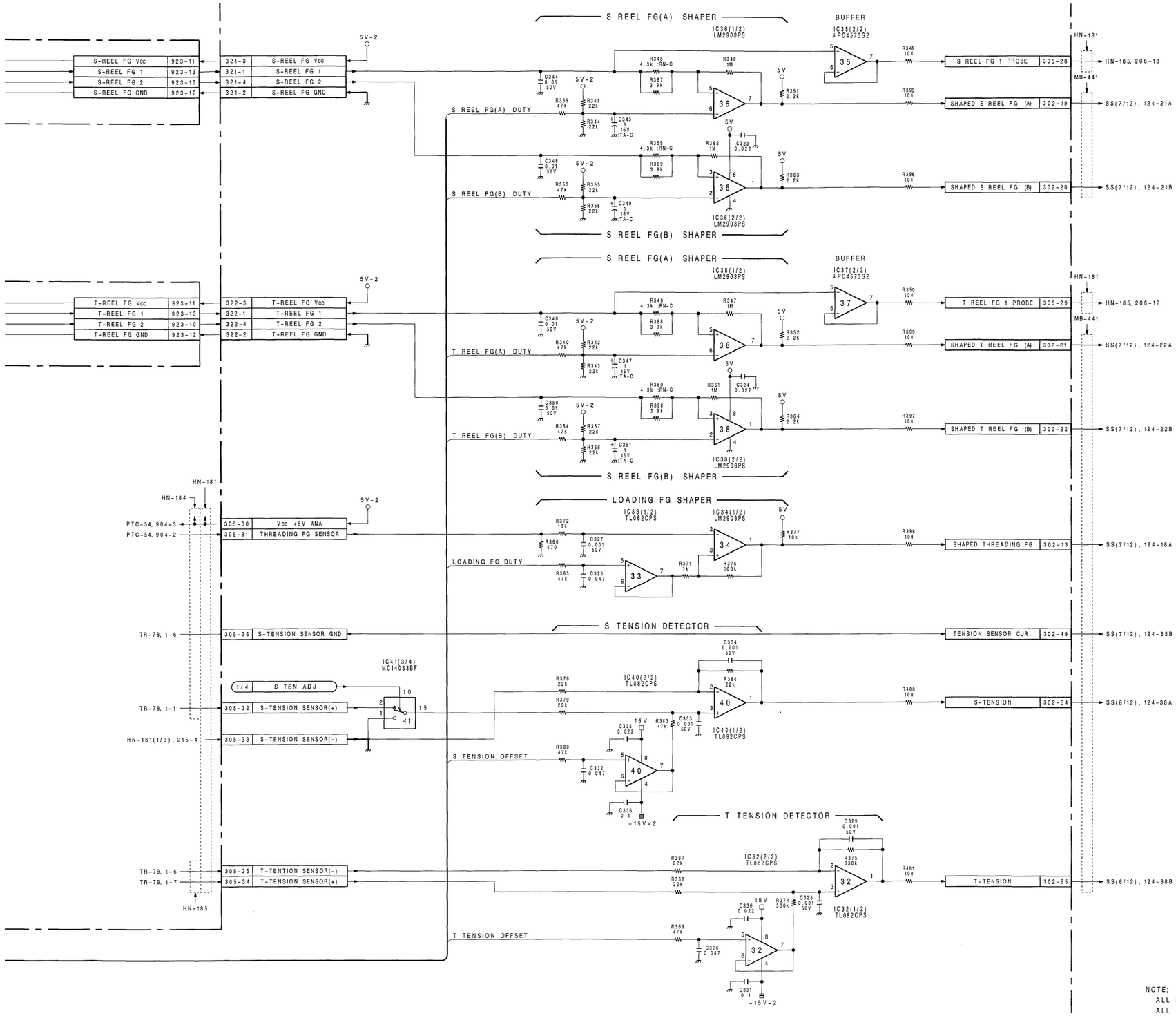
T Reel Motor
RM-141 BOARD (2/3)
BOARD NO. 1-651-533-11, 12

Motor's Drive/Control
DR-200 BOARD (2/4)
BOARD NO. 1-648-559-11, 12, 13, 14
BOARD' S LOT NO. 302-911
DVW-A500 (J, UC) :DR-200N MCB
DVW-A500P (EK) :DR-200P MCB
DVW-A500P (UC) :DR-200PG MCB
DVW-500 (J, UC) :DR-200N MCB
DVW-500P (EK) :DR-200P MCB
DVW-500P (UC) :DR-200PG MCB
DVW-A510 (J, UC) :DR-200N MCB
DVW-A510P (EK) :DR-200P MCB
DVW-510 (J, UC) :DR-200N MCB
DVW-510P (EK) :DR-200P MCB
DVW-CA510(J, UC) :DR-200N MCB
DVW-CA510P(EK) :DR-200P MCB

DVW-DR200-ALL-ALL-S/M-08


BOARD NO. 1-648-559-11 ONLY
BUFFER
IC55(1/2) TL082CPS
BUFFER
IC55(2/2) TL082CPS
SHAPER
IC26(1/2) TL082CPS
IC26(2/2) TL082CPS
IC28(1/2) LM2903PS
IC28(2/2) LM2903PS
SHAPER
SHAPER
IC27(1/4) TL084CNS
IC27(2/4) TL084CNS
IC29(2/2) LM2903PS
SHAPER
IC27(3/4) TL084CNS
IC27(4/4) TL084CNS
IC29(1/2) LM2903PS
REGULATOR
Q300 2SC4213B
HN-181
CAPSTAN MOTOR BLOCK
CAPSTAN FG Vcc
CAPSTAN FG(A)
CAPSTAN FG(B)
CAPSTAN FG(G)
EVR WITH NV-RAM
IC30 MB88341PFV
IC30 IS MB88341PF. WHEN BOARD NO. 1-648-559-11. THIS IC'S FORM IS WIDE THAN MB88341PFV.
CLK
DI
LD
CAPSTAN FG(A) DUTY
CAPSTAN FG(B) DUTY
S REEL FG(A) DUTY
S REEL FG(B) DUTY
T REEL FG(A) DUTY
T REEL FG(B) DUTY
LOADING FG DUTY
S TENSION OFFSET
T TENSION OFFSET
IC33(2/2) TL082CPS
IC34(2/2) LM2903PS
IC35(1/2) μPC4570G2
IC37(1/2) μPC4570G2
IC31 MC14066BF
BOARD NO. 1-648-559-11/12 ONLY
CAPSTAN FG(A) NORM 302-15
CAPSTAN FG(B) NORM 302-16
CAPSTAN FG(A) ANA 302-52
CAPSTAN FG(A) 302-17
CAPSTAN FG(B) ANA 302-53
CAPSTAN FG(B) 302-18
MB-441
SS(7/12), 124-19A
SS(7/12), 124-19B
SS(7/12), 124-37A
SS(7/12), 124-20A
SS(7/12), 124-37B
SS(7/12), 124-20B
SE-228(S)
RM1 S-REEL FG DME
S-REEL FG Vcc
S-REEL FG 1
S-REEL FG 2
S-REEL FG GND
RM-82 (3/3) (S)
SE-228(T)
RM1 T-REEL FG DME
T-REEL FG Vcc
T-REEL FG 1
T-REEL FG 2
T-REEL FG GND
RM-141/82 (3/3) (T)
RM-82 board when DVW-500/500P/510/510P

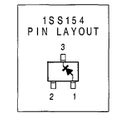
DR-200 (3/4), RM-82/141 (3/3), SE-228



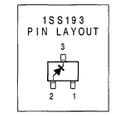
The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board(of the following board No.) with silk screen.

DR-200 BOARD :1-648-559-11

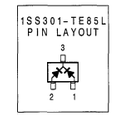
1SS154 PIN LAYOUT



1SS193 PIN LAYOUT



1SS301-TE85L PIN LAYOUT



LOT NO.	RM-82 BOARD NO.
302-502	1-640-166-12
503-	1-640-166-13

LOT NO.	RM-141 BOARD NO.
308-502	1-651-533-11
503-	1-651-533-12

LOT NO.	DR-200 BOARD NO.
302-305	1-648-559-11
306	1-648-559-11/12
307-402	1-648-559-12
403-808	1-648-559-13
809 - 911	1-648-559-14

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

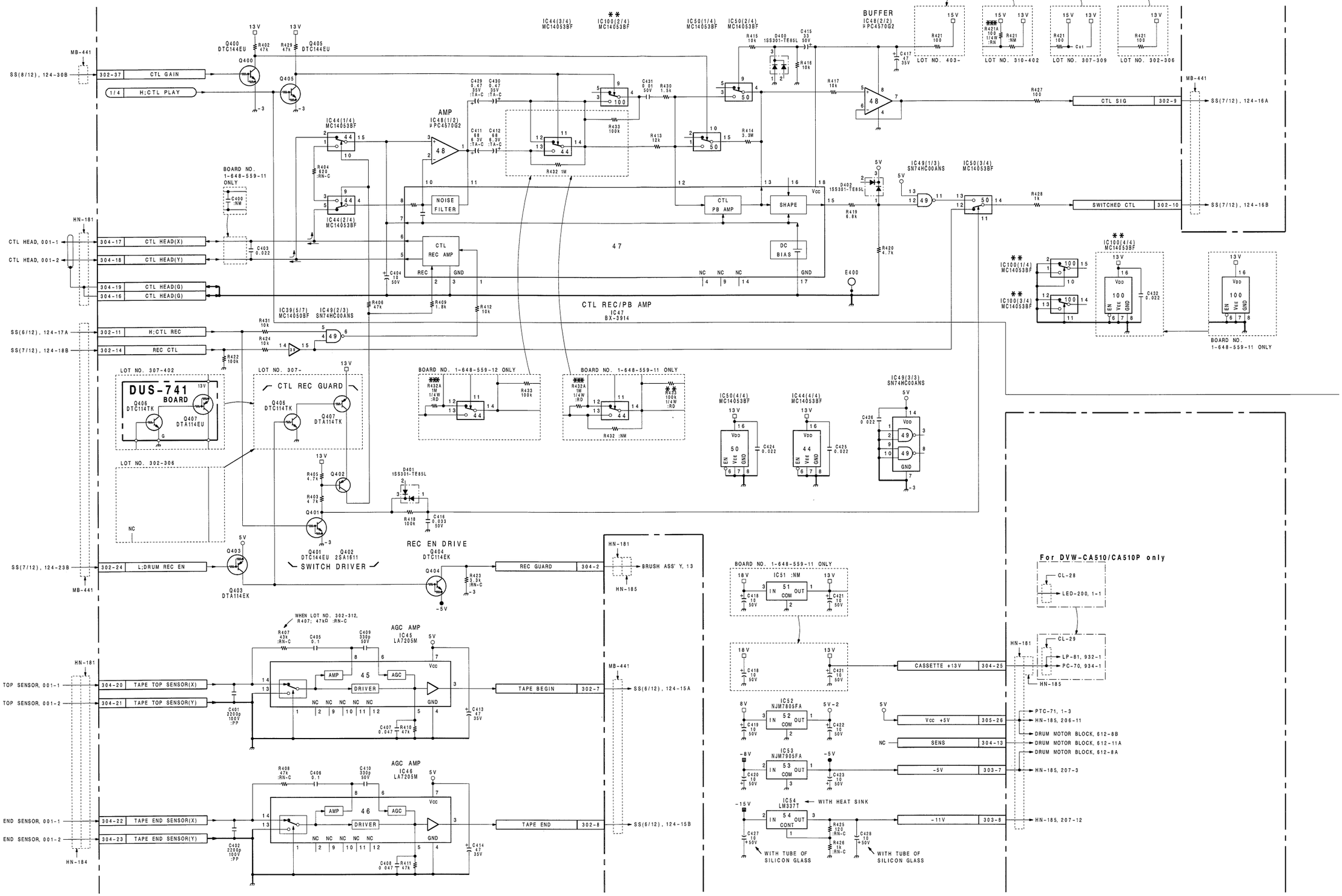
S/T Reel FG
SE-228 BOARD
BOARD NO. 1-649-617-11

S/T Reel FG Connection
RM-82 BOARD (3/3)
BOARD NO. 1-640-166-12, 13

T Reel FG Connection
RM-141 BOARD (3/3)
BOARD NO. 1-651-533-11, 12

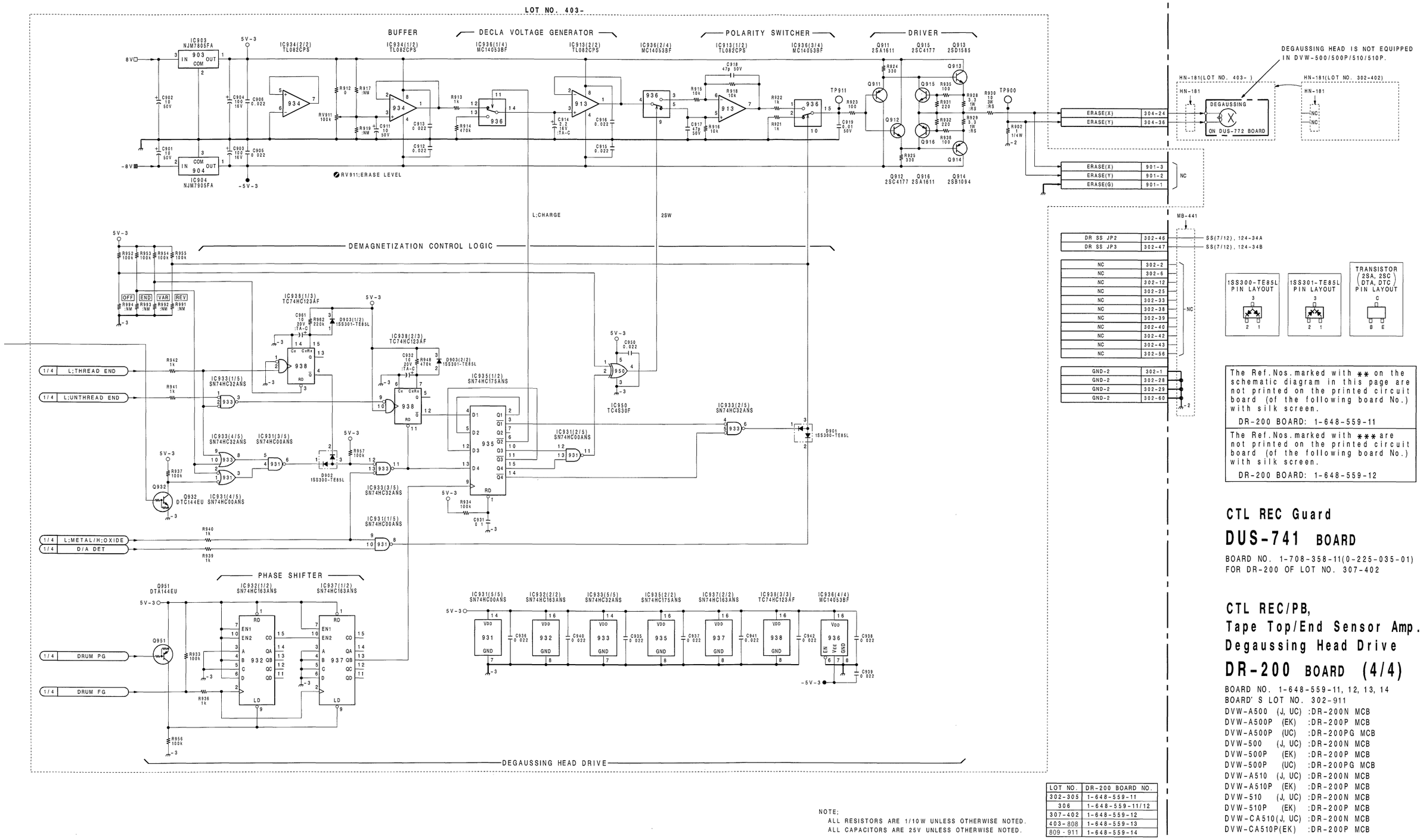
Wavefrom Shaper
DR-200 BOARD (3/4)
BOARD NO. 1-648-559-11, 12, 13, 14
BOARD' S LOT NO. 302-911
DVW-A500 (J, UC) :DR-200N MCB
DVW-A500P (EK) :DR-200P MCB
DVW-A500P (UC) :DR-200PG MCB
DVW-500 (J, UC) :DR-200N MCB
DVW-500P (EK) :DR-200P MCB
DVW-500P (UC) :DR-200PG MCB
DVW-A510 (J, UC) :DR-200N MCB
DVW-A510P (EK) :DR-200P MCB
DVW-510 (J, UC) :DR-200N MCB
DVW-510P (EK) :DR-200P MCB
DVW-CA510(J, UC) :DR-200N MCB
DVW-CA510P(EK) :DR-200P MCB

DVW-DR200-ALL-ALL-S/M-06



1-162 (a) 1-162 (a)

DVW-A500P/500P



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DR-200 BOARD: 1-648-559-11

The Ref.Nos. marked with *** are not printed on the printed circuit board (of the following board No.) with silk screen.

DR-200 BOARD: 1-648-559-12

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

LOT NO.	DR-200 BOARD NO.
302-305	1-648-559-11
306	1-648-559-11/12
307-402	1-648-559-12
403-808	1-648-559-13
809-911	1-648-559-14

CTL REC Guard

DUS-741 BOARD

BOARD NO. 1-708-358-11(0-225-035-01)
FOR DR-200 OF LOT NO. 307-402

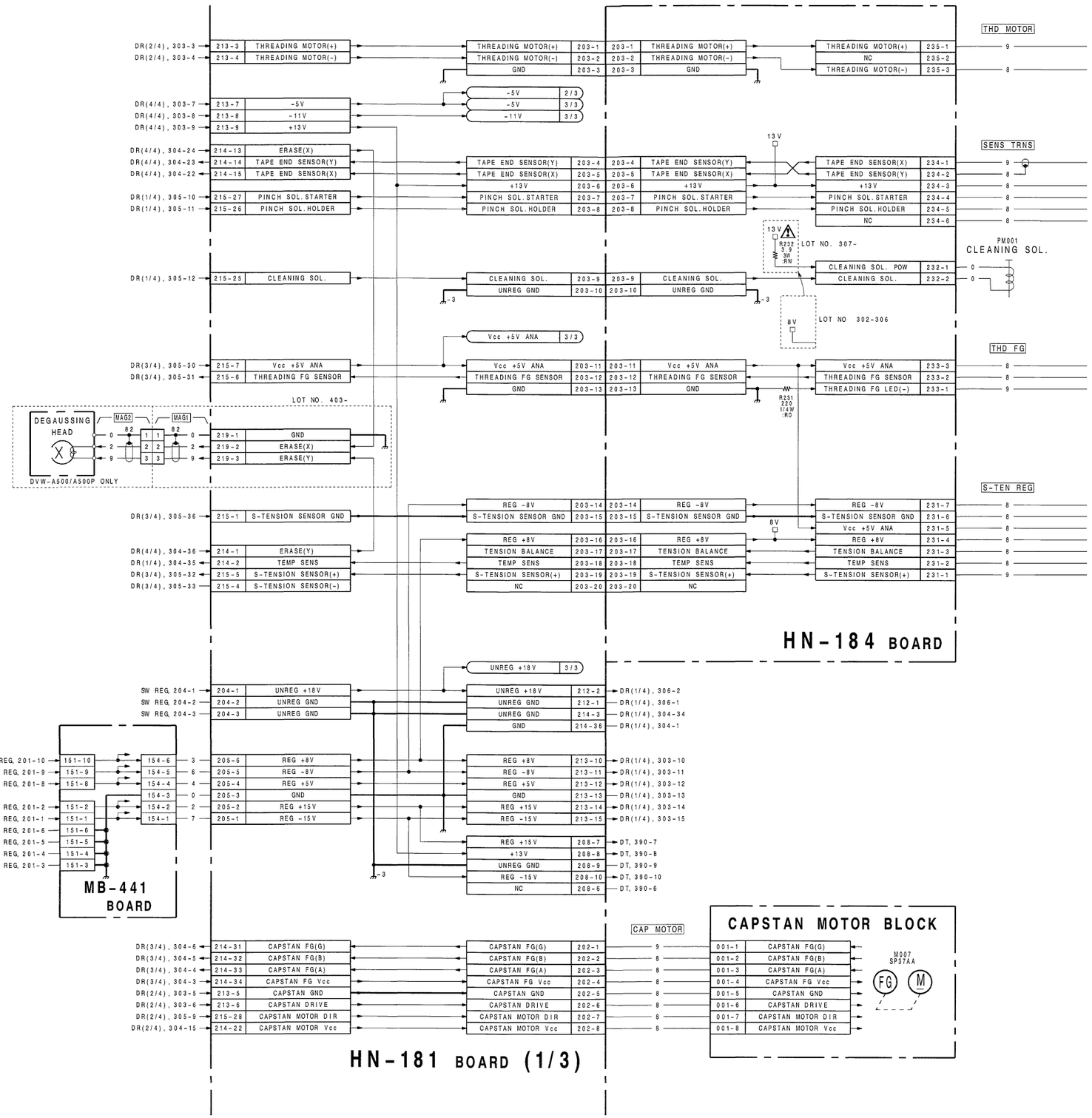
CTL REC/PB, Tape Top/End Sensor Amp., Degaussing Head Drive

DR-200 BOARD (4/4)

BOARD NO. 1-648-559-11, 12, 13, 14
BOARD' S LOT NO. 302-911
DVW-A500 (J, UC) :DR-200N MCB
DVW-A500P (EK) :DR-200P MCB
DVW-A500P (UC) :DR-200PG MCB
DVW-500 (J, UC) :DR-200N MCB
DVW-500P (EK) :DR-200P MCB
DVW-500P (UC) :DR-200PG MCB
DVW-A510 (J, UC) :DR-200N MCB
DVW-A510P (EK) :DR-200P MCB
DVW-510 (J, UC) :DR-200N MCB
DVW-510P (EK) :DR-200P MCB
DVW-CA510(J, UC) :DR-200N MCB
DVW-CA510P(EK) :DR-200P MCB

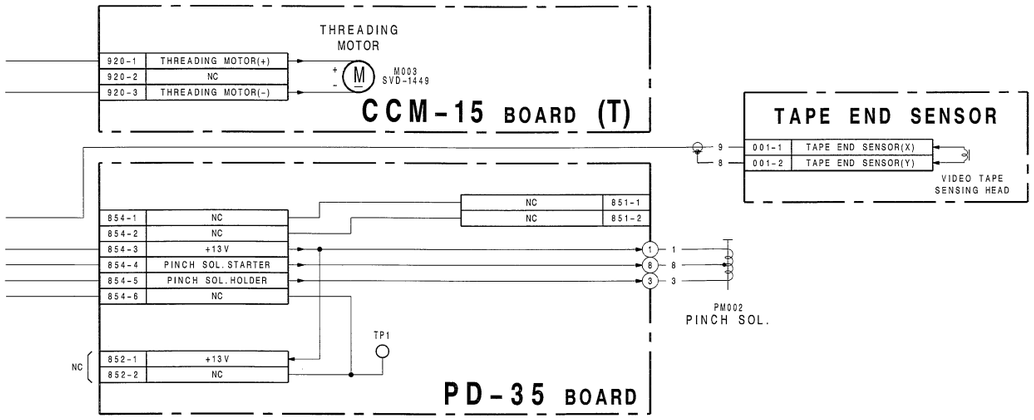
DVW-DR200-ALL-ALL-S/M-06

HN-181 (1/3), HN-184, TR-78, PD-35, PTC-54, CCM-15 (T)



1-164

HN-181 (1/3), HN-184, TR-78, PD-35, PTC-54, CCM-15 (T)



LOT NO.	PTC-54 BOARD NO.
302-408	1-640-163-11
409-	1-640-163-12

LOT NO.	BOARD NO.	
	HN-181	HN-184
302-306	1-648-561-11	1-648-562-11
307-402	1-648-561-12	1-648-562-12
403-	1-648-561-13	1-648-562-13

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

S-Tension Sensor
TR-78 BOARD
BOARD NO. 1-648-564-11
ALL DVWs :TR-78 MCB

Threading FG
PTC-54 BOARD
BOARD NO. 1-640-163-11, 12
ALL DVWs :PTC-54 MCB

Pinch Solenoid Connection
PD-35 BOARD
BOARD NO. 1-622-596-11
ALL DVWs

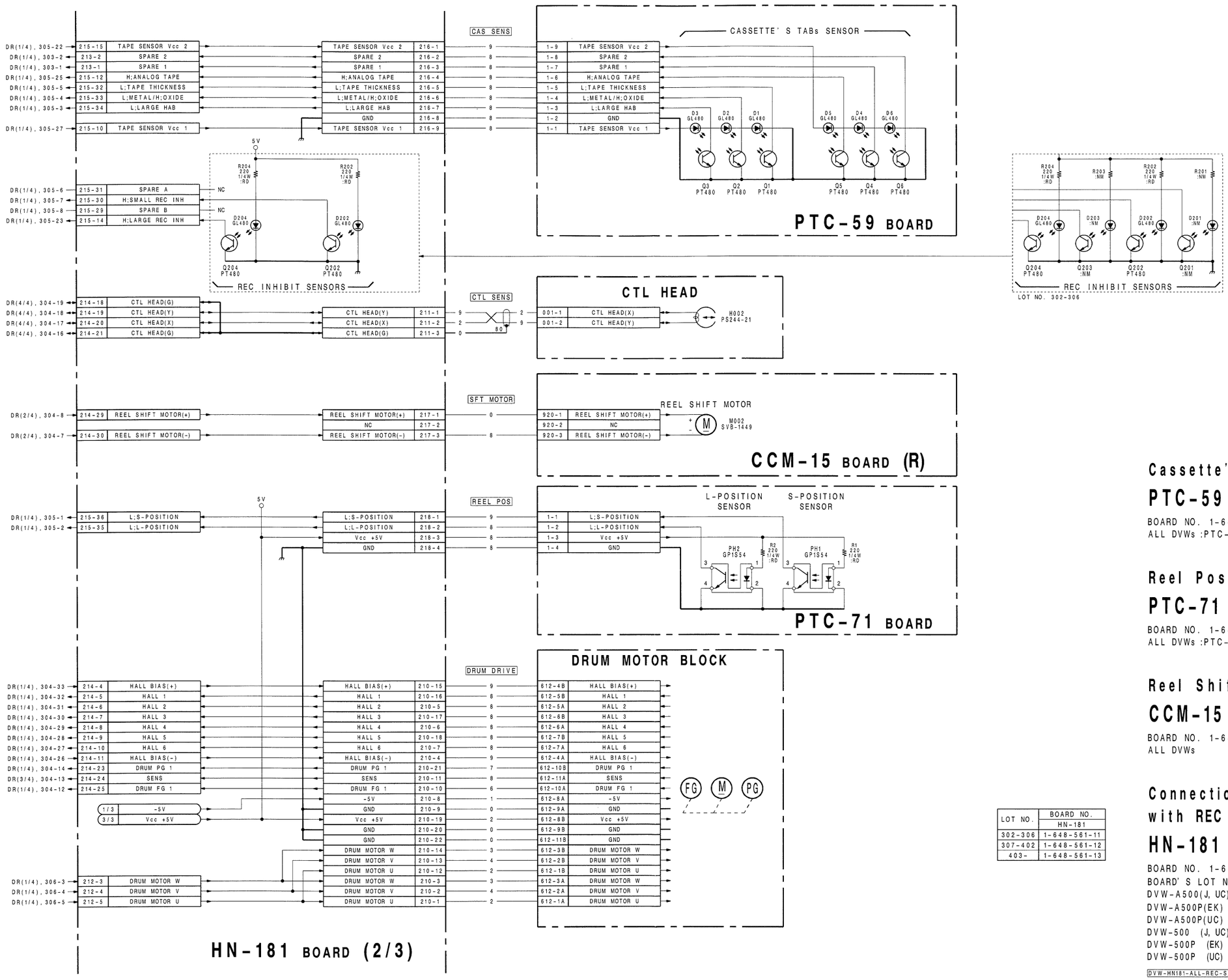
Threading Motor
CCM-15 BOARD (T)
BOARD NO. 1-648-570-11
ALL DVWs

Connection Board
HN-184 BOARD
BOARD NO. 1-648-562-11, 12, 13
BOARD' S LOT NO. 302-
ALL DVWs :HN-184 MCB

Connection
HN-181 BOARD (1/3)
BOARD NO. 1-648-561-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :HN-181 MCB
DVW-A500P (EK) :HN-181 MCB
DVW-A500P (UC) :HN-181 MCB
DVW-500 (J, UC) :HN-181 MCB
DVW-500P(EK, UC) :HN-181 MCB
DVW-A510 (J, UC) :HN-181B MCB
DVW-A510P (EK) :HN-181B MCB
DVW-510 (J, UC) :HN-181B MCB
DVW-510P (EK) :HN-181B MCB
DVW-CA510(J, UC) :HN-181B MCB
DVW-CA510P(EK) :HN-181B MCB

DVW-HN181-ALL-REC-S/M-05

HN-181 (2/3), PTC-59, PTC-71, CCM-15 (R)



LOT NO. 302-306

LOT NO.	BOARD NO.
	HN-181
302-306	1-648-561-11
307-402	1-648-561-12
403-	1-648-561-13

Cassette's Tabs Sensor

PTC-59 BOARD

BOARD NO. 1-648-567-11
ALL DVWs :PTC-59 MCB

Reel Position Sensor

PTC-71 BOARD

BOARD NO. 1-648-569-11
ALL DVWs :PTC-71 MCB

Reel Shift Motor

CCM-15 BOARD (R)

BOARD NO. 1-648-570-11
ALL DVWs

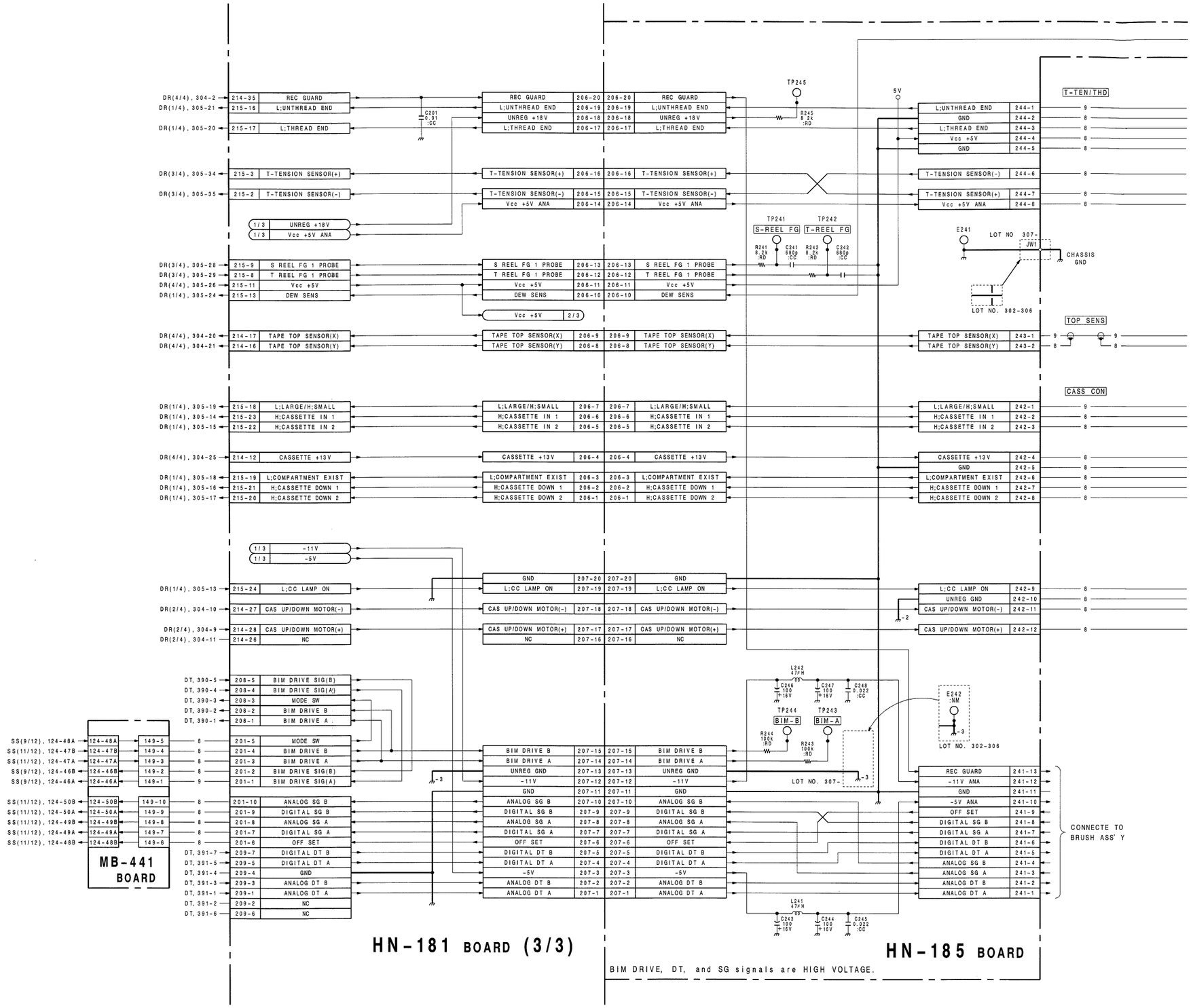
Connection Board with REC Inhibit Sensor

HN-181 BOARD (2/3)

BOARD NO. 1-648-561-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :HN-181 MCB
DVW-A500P(EK) :HN-181 MCB
DVW-A500P(UC) :HN-181 MCB
DVW-500 (J, UC) :HN-181 MCB
DVW-500P (EK) :HN-181 MCB
DVW-500P (UC) :HN-181 MCB

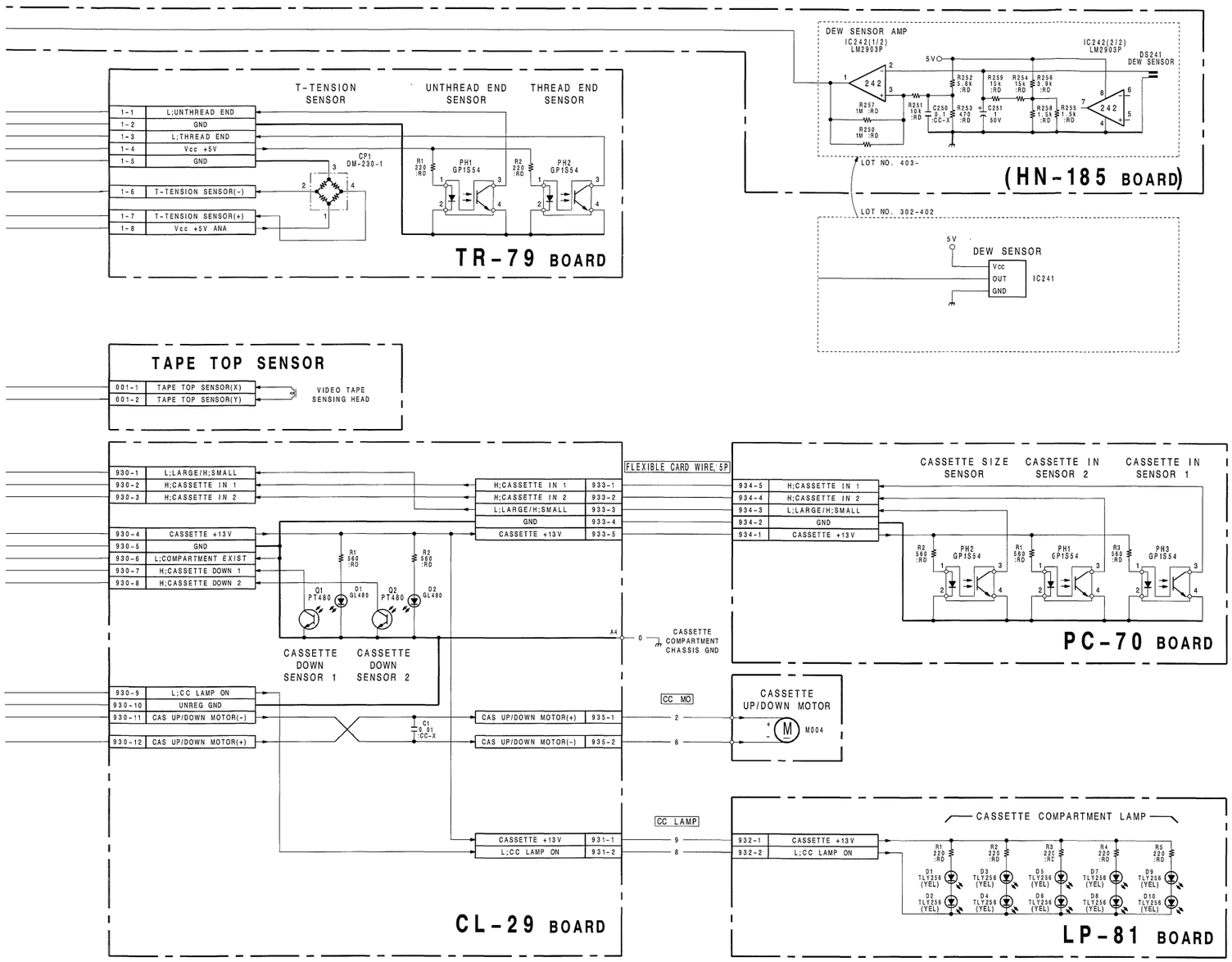
DVW-HN181-ALL-REC-S/M-04

HN-181 (3/3), HN-185, TR-79, LP-81, CL-29, PC-70



1-168

HN-181 (3/3), HN-185, TR-79, LP-81, CL-29, PC-70



NOTE;
ALL RESISTORS ARE 1/4W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

LOT NO.	BOARD NO.	
	HN-181	HN-185
302-306	1-648-561-11	1-648-563-11
307-402	1-648-561-12	1-648-563-12
403-	1-648-561-13	1-648-563-14

T-Tension Sensor, Thread/Unthread-End Sensor

TR-79 BOARD

BOARD NO. 1-648-565-11
ALL DVWs :TR-79 MCB

Cassette-In Sensor, Cassette Down Sensor

PC-70 BOARD

BOARD NO. 1-648-571-11,12
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :PC-70 MCB
DVW-A500P (EK) :PC-70 MCB
DVW-A500P (UC) :PC-70 MCB
DVW-500 (J, UC) :PC-70 MCB
DVW-500P(EK, UC) :PC-70 MCB
DVW-A510 (J, UC) :PC-70 MCB
DVW-A510P (EK) :PC-70 MCB
DVW-510 (J, UC) :PC-70 MCB
DVW-510P (EK) :PC-70 MCB

Cassette Up/Down Motor, Cassette Down Sensor

CL-29 BOARD

BOARD NO. 1-648-572-11
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :CL-29 MCB
DVW-A500P (EK) :CL-29 MCB
DVW-A500P (UC) :CL-29 MCB
DVW-500 (J, UC) :CL-29 MCB
DVW-500P(EK, UC) :CL-29 MCB
DVW-A510 (J, UC) :CL-29 MCB
DVW-A510P (EK) :CL-29 MCB
DVW-510 (J, UC) :CL-29 MCB
DVW-510P (EK) :CL-29 MCB

Lamp of Compartment

LP-81 BOARD

BOARD NO. 1-648-573-11
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :LP-81 MCB
DVW-A500P (EK) :LP-81 MCB
DVW-A500P (UC) :LP-81 MCB
DVW-500 (J, UC) :LP-81 MCB
DVW-500P(EK, UC) :LP-81 MCB
DVW-A510 (J, UC) :LP-81 MCB
DVW-A510P (EK) :LP-81 MCB
DVW-510 (J, UC) :LP-81 MCB
DVW-510P (EK) :LP-81 MCB

Connection Board with Dew Sensor

HN-185 BOARD

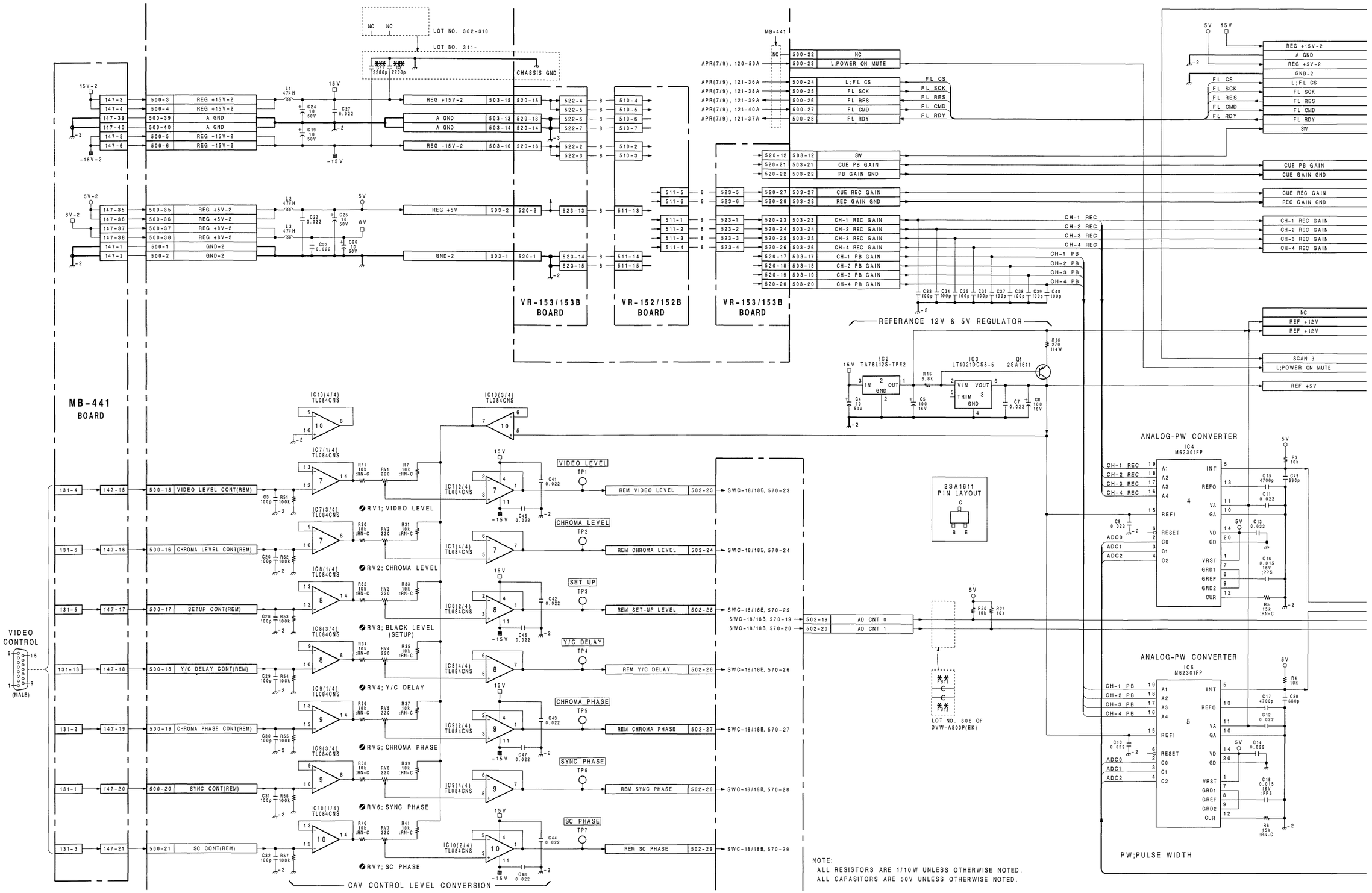
BOARD NO. 1-648-563-11, 12, 14
BOARD' S LOT NO. 302-
ALL DVWs :HN-185 MCB

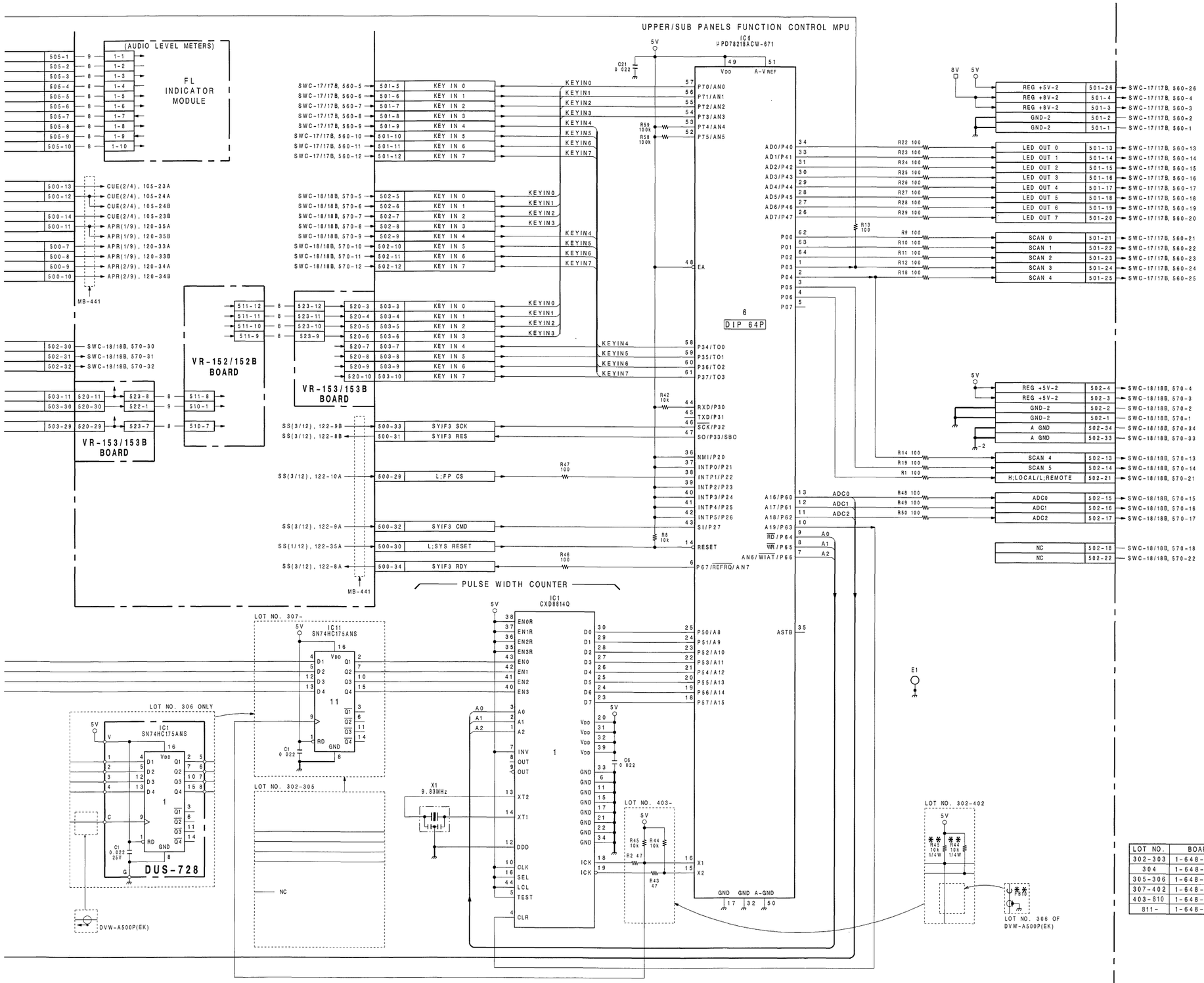
Connection

HN-181 BOARD (3/3)

BOARD NO. 1-648-561-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :HN-181 MCB
DVW-A500P (EK) :HN-181 MCB
DVW-A500P (UC) :HN-181 MCB
DVW-500 (J, UC) :HN-181 MCB
DVW-500P(EK, UC) :HN-181 MCB
DVW-A510 (J, UC) :HN-181B MCB
DVW-A510P (EK) :HN-181B MCB
DVW-510 (J, UC) :HN-181B MCB
DVW-510P (EK) :HN-181B MCB
DVW-CA510(J, UC) :HN-181B MCB
DVW-CA510P(EK) :HN-181B MCB

DVW-HN181-ALL-REC-S/M-04


MB-441 BOARD
VR-153/153B BOARD
VR-152/152B BOARD
VR-153/153B BOARD
LOT NO. 302-310
LOT NO. 311-
CHASSIS GND
REG +15V-2
REG -15V-2
REG +5V
GND-2
A GND
REG +8V-2
VIDEO LEVEL CONT(REM)
CHROMA LEVEL CONT(REM)
SETUP CONT(REM)
Y/C DELAY CONT(REM)
CHROMA PHASE CONT(REM)
SYNC CONT(REM)
SC CONT(REM)
RV1; VIDEO LEVEL
RV2; CHROMA LEVEL
RV3; BLACK LEVEL (SETUP)
RV4; Y/C DELAY
RV5; CHROMA PHASE
RV6; SYNC PHASE
RV7; SC PHASE
CAV CONTROL LEVEL CONVERSION
VIDEO CONTROL (MALE)
REFERANCE 12V & 5V REGULATOR
IC2 15V TA78L12S-TPE2
IC3 LT1021DCS8-5
Q1 2SA1611
ANALOG-PW CONVERTER
IC4 M62301FP
IC5 M62301FP
2SA1611 PIN LAYOUT
LOT NO. 306 OF DVW-A500P(EK)
PW;PULSE WIDTH
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPASITORS ARE 50V UNLESS OTHERWISE NOTED.



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

FP-58 BOARD: 1-648-551-11
FP-58B BOARD: 1-648-551-21

The Ref.Nos. marked with *** are not printed on the printed circuit boards (of the following board No.) with silk screen.

FP-58 BOARD: 1-648-551-11, 12
FP-58B BOARD: 1-648-551-21, 22

DUS-728 BOARD

BOARD NO. 1-651-012-11
FOR FP-58 BOARD (LOT NO.306 ONLY)

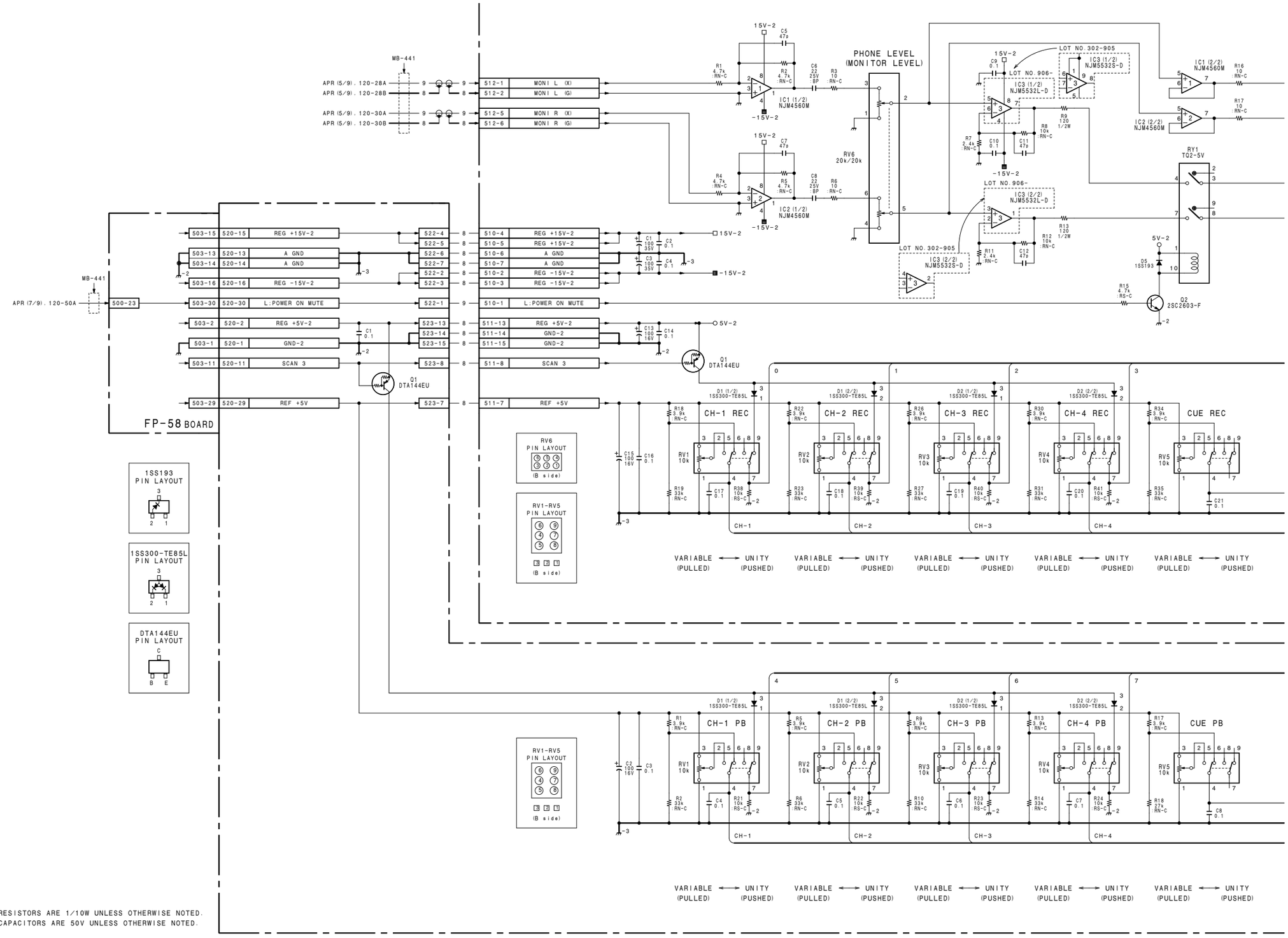
Sub/Upper Control Panels Function(SWs, LEDs) Control, CAV Control Level Conversion

FP-58/58B BOARD

BOARD NO. 1-648-551-11, 12, 13, 14/22, 23, 24
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :FP-58 MCB
DVW-A500P (EK) :FP-58 MCB
DVW-A500P (UC) :FP-58 MCB
DVW-500 (J, UC) :FP-58 MCB
DVW-500P(EK, UC) :FP-58 MCB
DVW-A510 (J, UC) :FP-58B MCB
DVW-A510P (EK) :FP-58B MCB
DVW-510 (J, UC) :FP-58B MCB
DVW-510P (EK) :FP-58B MCB
DVW-CA510(J, UC) :FP-58B MCB
DVW-CA510P(EK) :FP-58B MCB
Repair for FP-58B MCB is FP-58 MCB

DVW-FP58-ALL-ALL-S/M-05

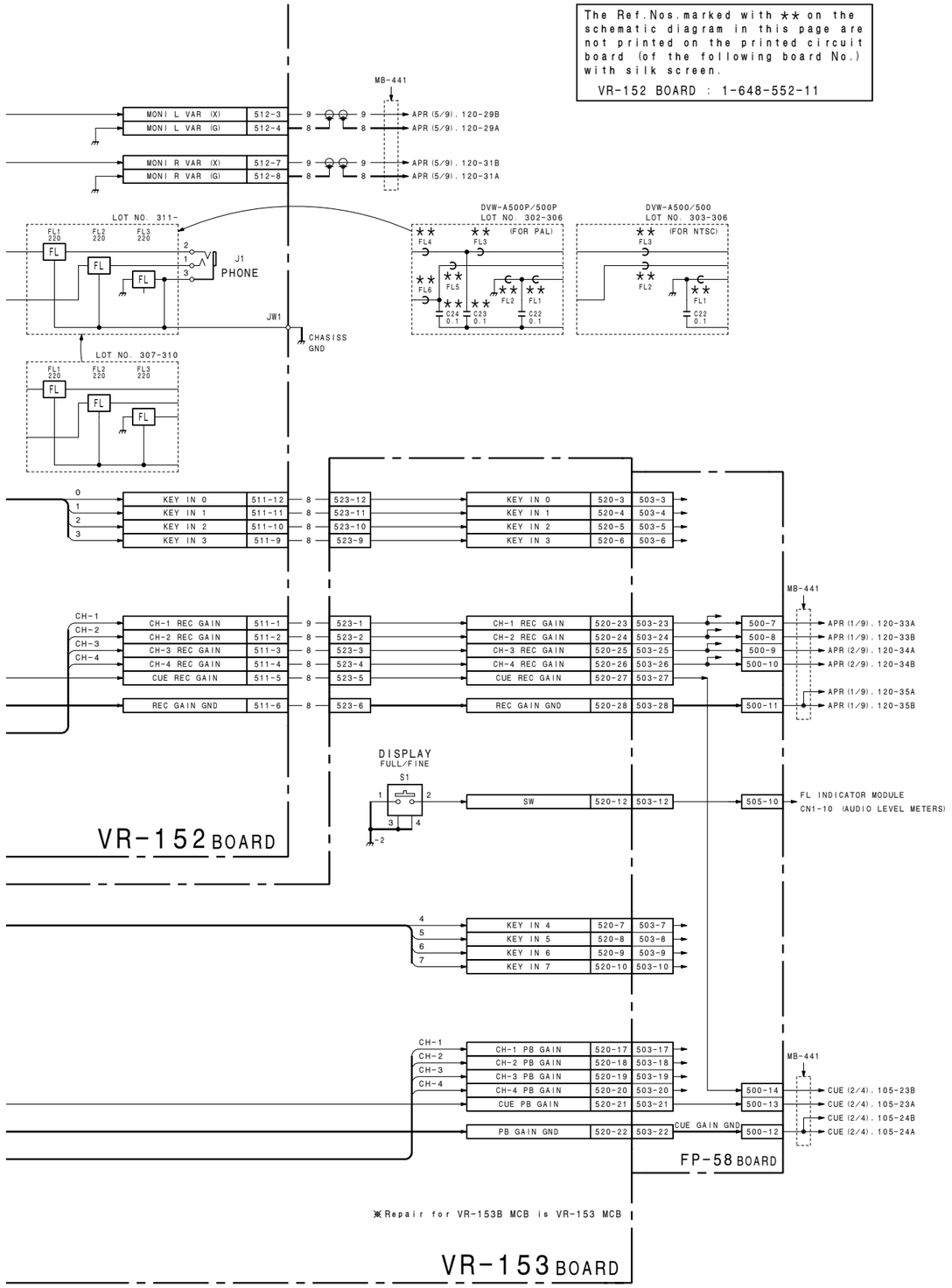
LOT NO.	BOARD NO.
302-303	1-648-551-11
304	1-648-551-11/21
305-306	1-648-551-11
307-402	1-648-551-12/22
403-810	1-648-551-13/23
811-	1-648-551-14/24



NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

VR-152 BOARD : 1-648-552-11



LOT NO.	BOARD NO.	
	VR-152	VR-153
302-306	1-648-552-11	1-648-553-11
307-402	1-648-552-12	1-648-553-12
403-	1-648-552-13	

Audio REC Level VRs, Phone Level VR, Phone Connector

VR-152 BOARD

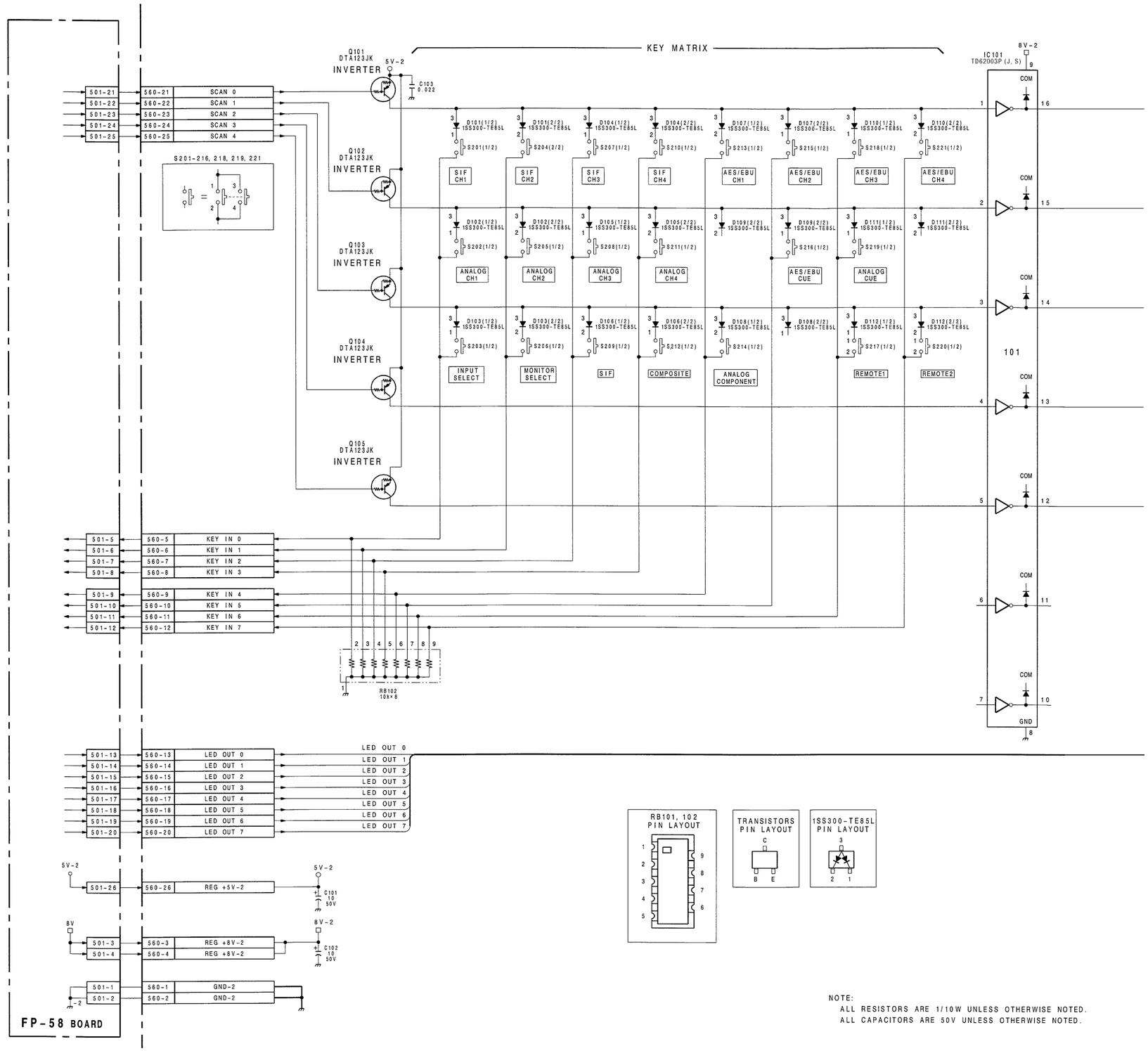
BOARD NO. 1-648-552-11, 12, 13
BOARD'S LOT NO. 302-
DVW-A500 (J, UC) : VR-152 MCB
DVW-A500P (EK) : VR-152 MCB
DVW-A500P (UC) : VR-152 MCB
DVW-500 (J, UC) : VR-152 MCB
DVW-500P (EK) : VR-152 MCB
DVW-500P (UC) : VR-152 MCB

Audio PB Level VRs,

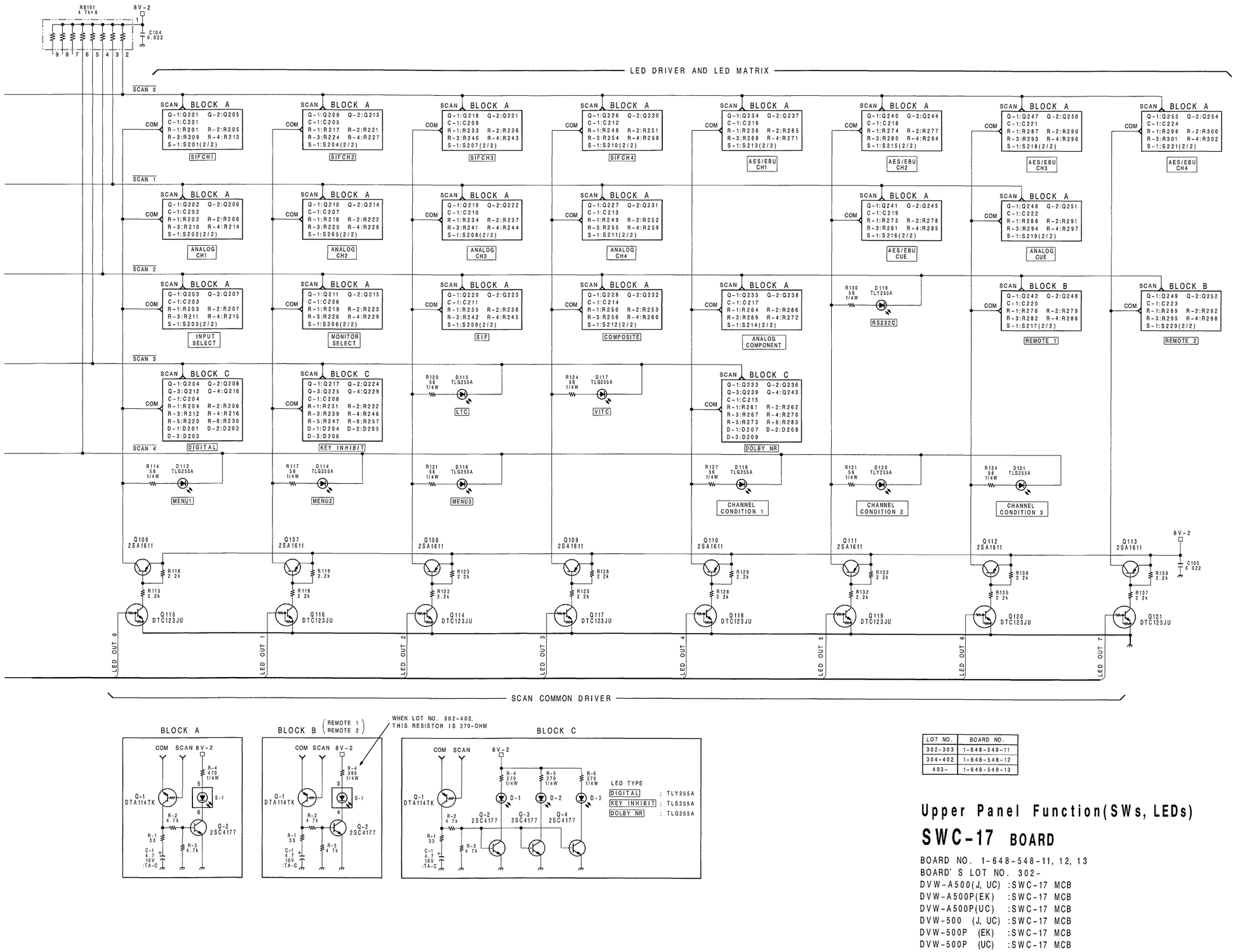
VR-153 BOARD

BOARD NO. 1-648-553-11, 12
BOARD'S LOT NO. 302-
DVW-A500 (J, UC) : VR-153 MCB
DVW-A500P (EK) : VR-153 MCB
DVW-A500P (UC) : VR-153 MCB
DVW-500 (J, UC) : VR-153 MCB
DVW-500P (EK) : VR-153 MCB
DVW-500P (UC) : VR-153 MCB

DVW-VR152-ALL-REC-S/M-04



NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.



LOT NO.	BOARD NO.
302-303	1-648-548-11
304-402	1-648-548-12
403-	1-648-548-13

Upper Panel Function(SWs, LEDs)

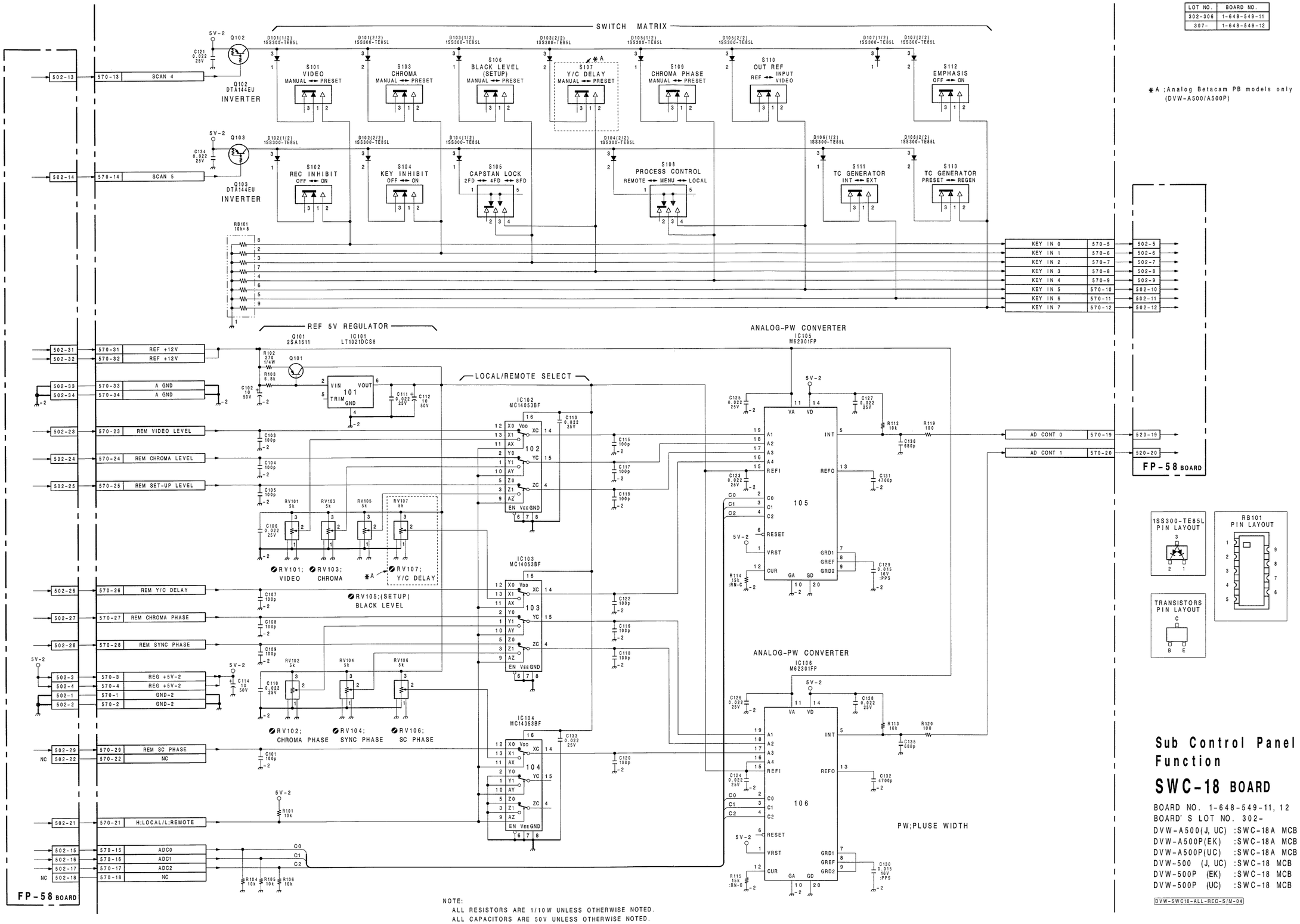
SWC-17 BOARD

BOARD NO. 1-648-548-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SWC-17 MCB
DVW-A500P(EK) :SWC-17 MCB
DVW-A500P(UC) :SWC-17 MCB
DVW-500 (J, UC) :SWC-17 MCB
DVW-500P (EK) :SWC-17 MCB
DVW-500P (UC) :SWC-17 MCB

DVW-SWC17-ALL-REC-S/M-04

LOT NO.	BOARD NO.
302-306	1-648-549-11
307-	1-648-549-12

*A ;Analog Betacam PB models only (DVW-A500/A500P)



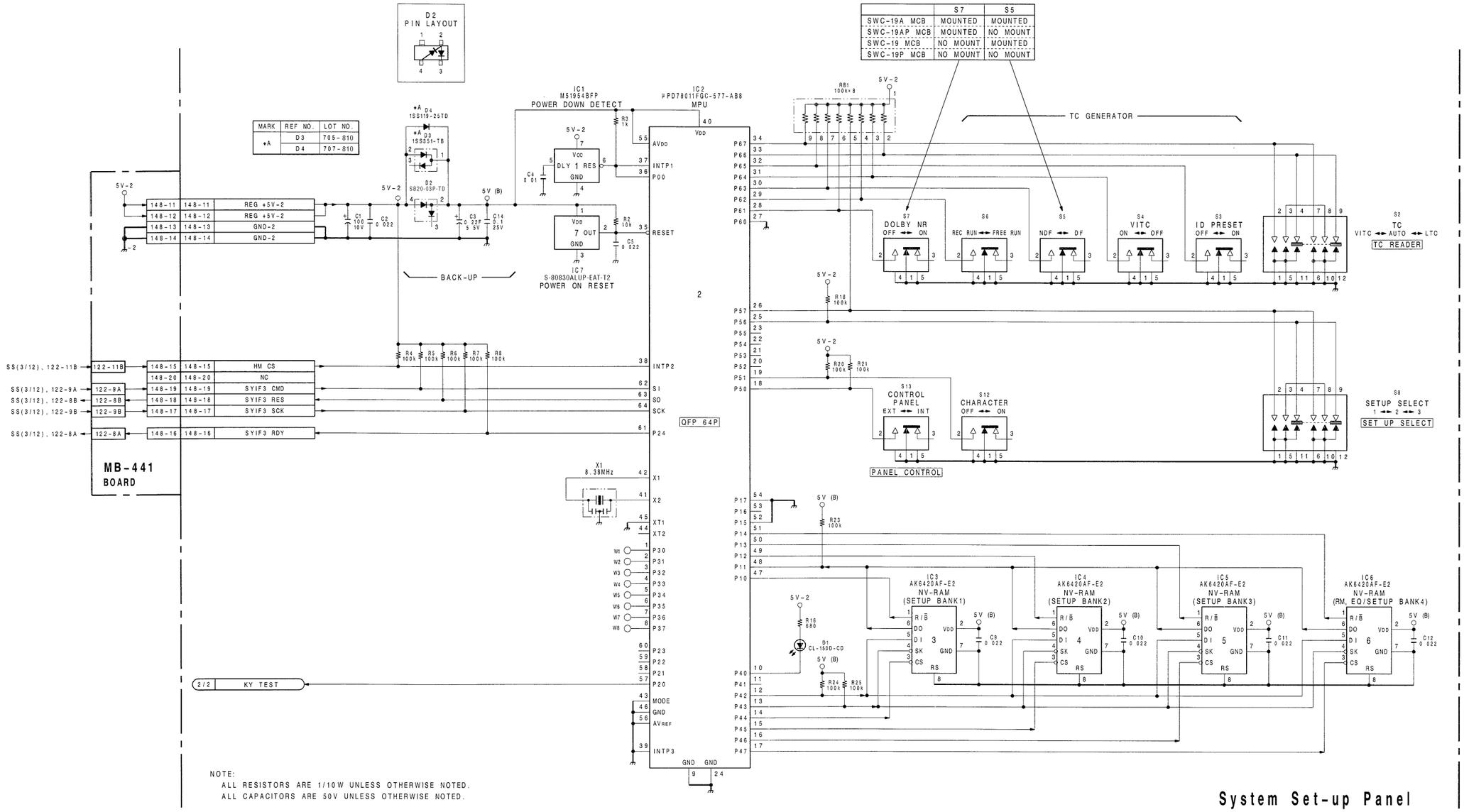
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

Sub Control Panel Function

SWC-18 BOARD

BOARD NO. 1-648-549-11, 12
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SWC-18A MCB
DVW-A500P(EK) :SWC-18A MCB
DVW-A500P(UC) :SWC-18A MCB
DVW-500 (J, UC) :SWC-18 MCB
DVW-500P (EK) :SWC-18 MCB
DVW-500P (UC) :SWC-18 MCB

DVW-SWC18-ALL-REC-S/M-04



	S7	S5
SWC-19A MCB	MOUNTED	MOUNTED
SWC-19AP MCB	MOUNTED	NO MOUNT
SWC-19 MCB	NO MOUNT	MOUNTED
SWC-19P MCB	NO MOUNT	NO MOUNT

LOT NO.	BOARD NO.
302-306	1-648-550-11
307-402	1-648-550-12
403-704	1-648-550-13
705-	1-648-550-14

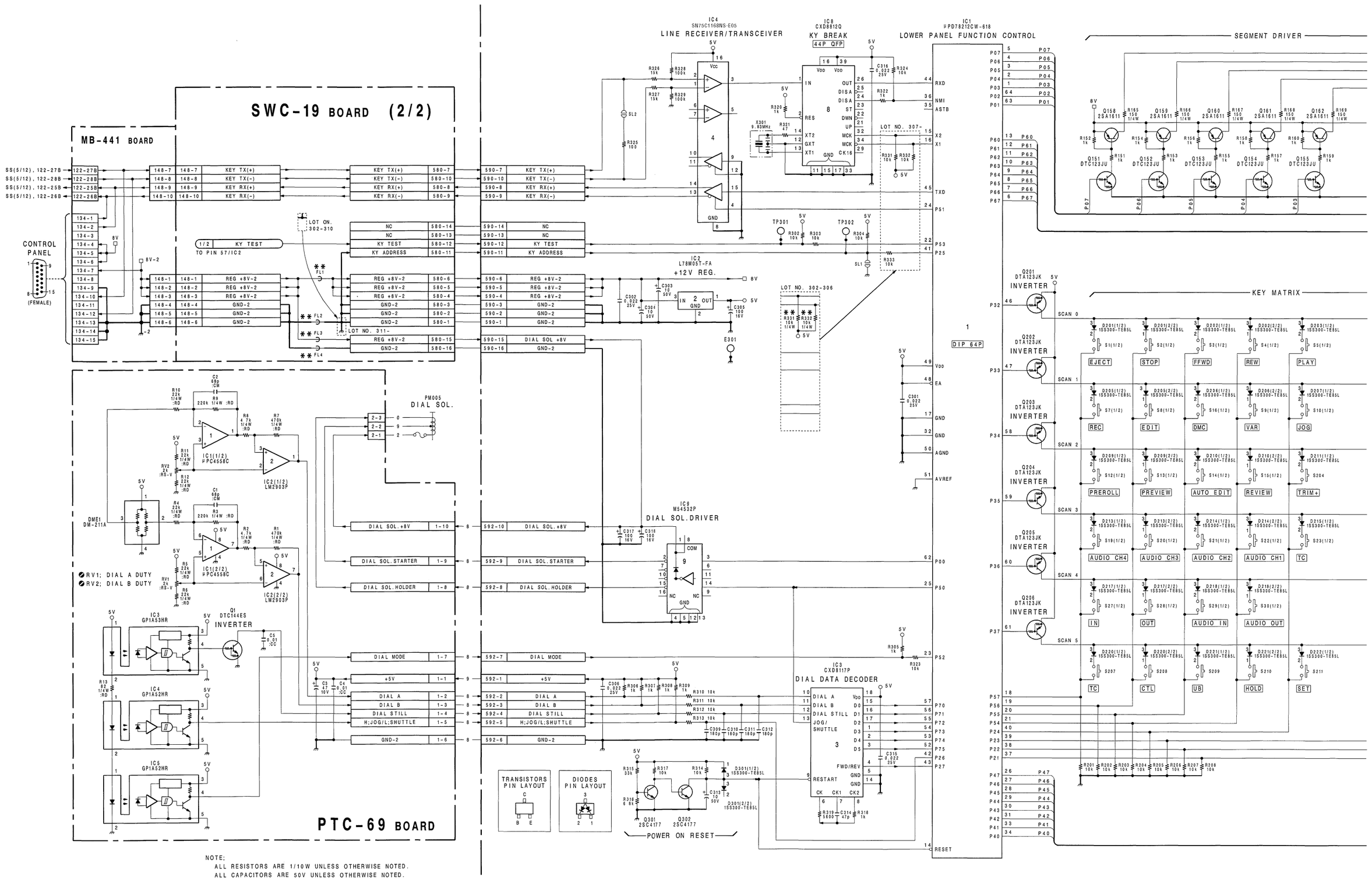
System Set-up Panel Function Control

SWC-19 BOARD (1/2)

BOARD NO. 1-648-550-11, 12, 13, 14
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SWC-19A MCB
DVW-A500P(EK) :SWC-19AP MCB
DVW-A500P(UC) :SWC-19AP MCB
DVW-500 (J, UC) :SWC-19 MCB
DVW-500P (EK) :SWC-19P MCB
DVW-500P (UC) :SWC-19P MCB

DVW-SWC19-ALL-REC-S/M-05

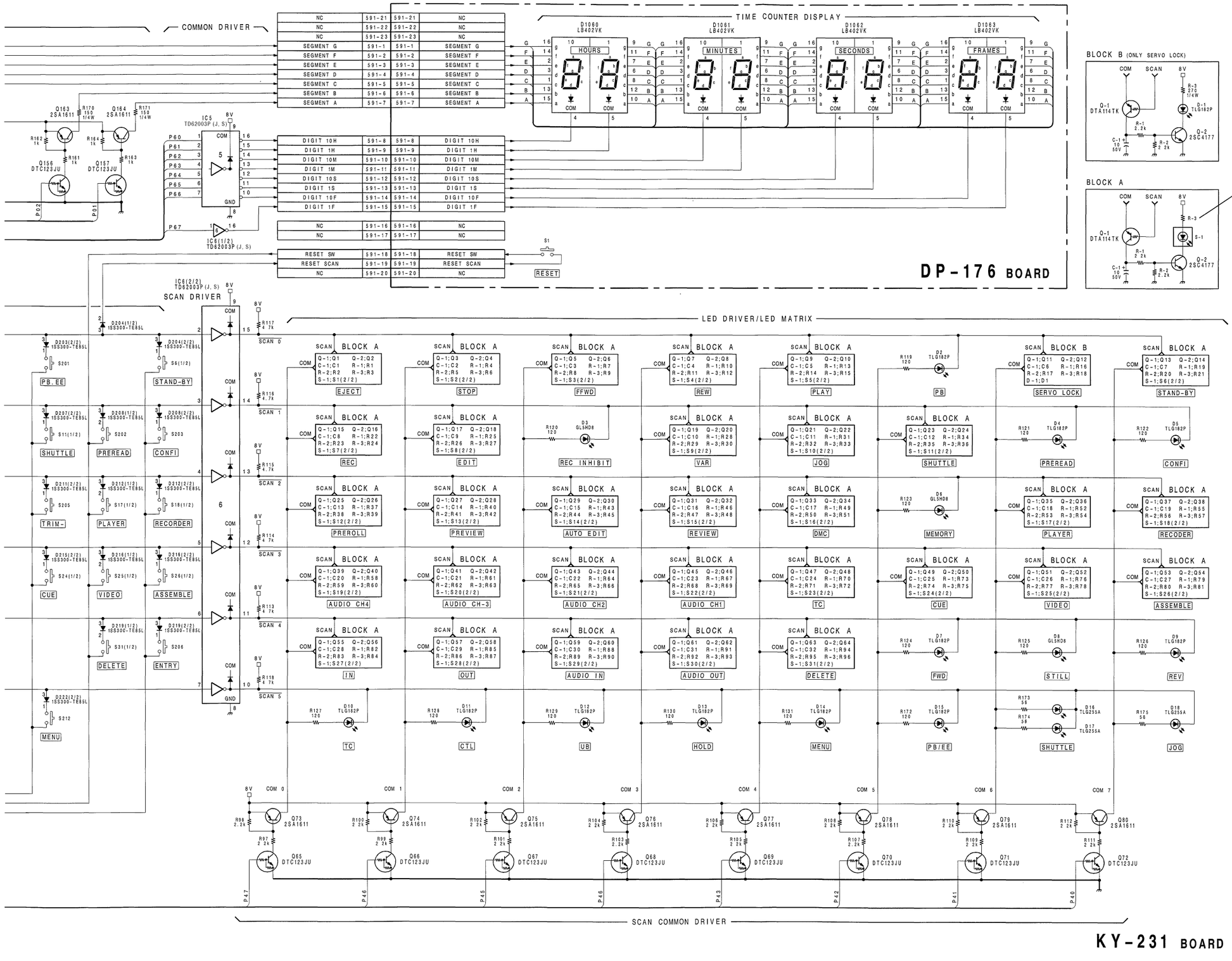
KY-231, DP-176, PTC-69, SWC-19 (2/2)



1-178

DVW-A500P/500P

KY-231, DP-176, PTC-69, SWC-19 (2/2)



The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit boards (of the following board No.) with silk screen.

KY-231 BOARD : 1-648-546-11
SWC-19 BOARD : 1-648-550-11

LOT NO.	BOARD NO.		
	KY-231	DP-176	SWC-19
302-306	1-648-546-11	1-648-547-11	1-648-550-11
307-402	1-648-546-12	1-648-547-12	1-648-550-12
403-704	1-648-546-13	1-648-547-12	1-648-550-13
705-	1-648-546-13	1-648-547-12	1-648-550-14

REF NO	LOT NO.	
	302-402	403-
R3, 6	120	270 1/4W
R9, 12, R15, 21	120	330 1/4W
R24	220 1/4W	270 1/4W
R27	120	330 1/4W
R30, 33, R36	180 1/4W	390 1/4W
R39, 42	120	330 1/4W
R45	220 1/4W	270 1/4W
R48	120	330 1/4W
R51, 54, R57, 60, R63, 66, R69, 72, R75, 78, R81, 84, R87, 90, R93, 96	180 1/4W	390 1/4W

Time Counter Display

DP-176 BOARD

BOARD NO. 1-648-547-11, 12
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :DP-176 MCB
DVW-A500P(EK) :DP-176 MCB
DVW-A500P(UC) :DP-176 MCB
DVW-500 (J, UC) :DP-176 MCB
DVW-500P (EK) :DP-176 MCB
DVW-500P (UC) :DP-176 MCB

Jog/Shuttle Dial Sensor

PTC-69 BOARD

BOARD NO. 1-648-568-11, 12
ALL DVWs :PTC-69 MCB

Connection

SWC-19 BOARD (2/2)

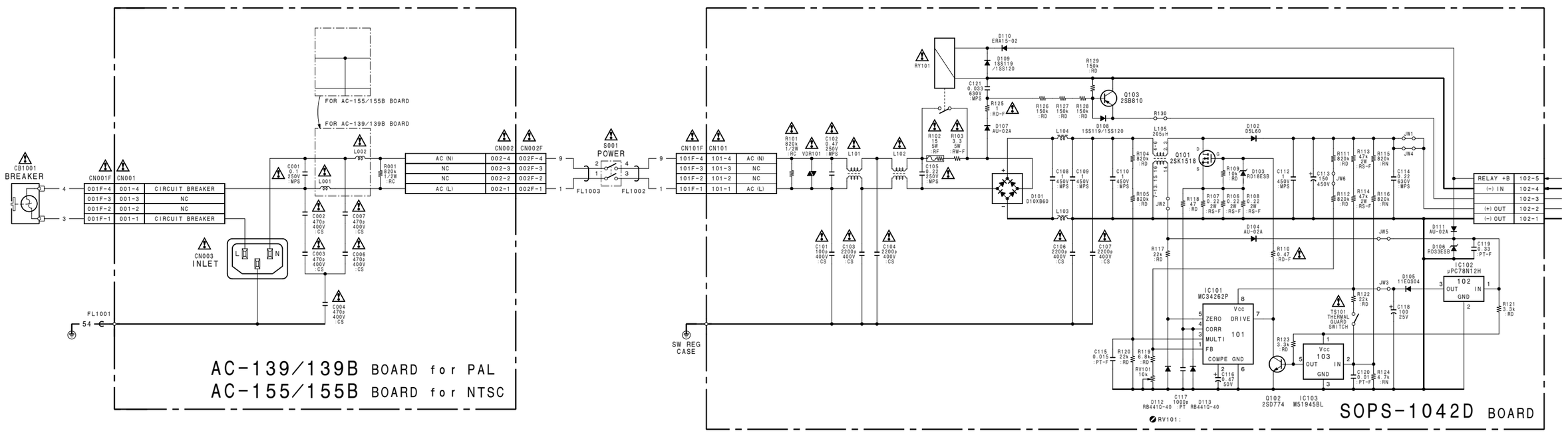
BOARD NO. 1-648-550-11, 12, 13, 14
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :SWC-19A MCB
DVW-A500P(EK) :SWC-19AP MCB
DVW-A500P(UC) :SWC-19AP MCB
DVW-500 (J, UC) :SWC-19 MCB
DVW-500P (EK) :SWC-19P MCB
DVW-500P (UC) :SWC-19P MCB

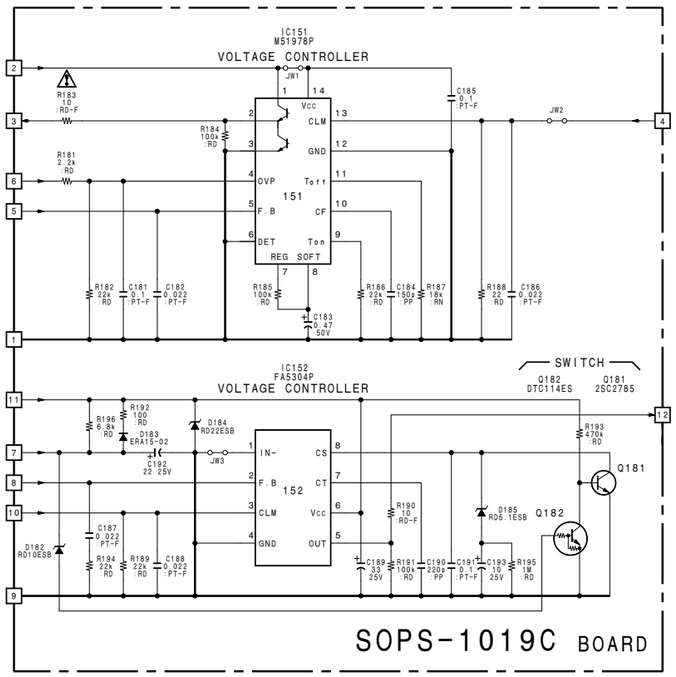
Lower Panel Control

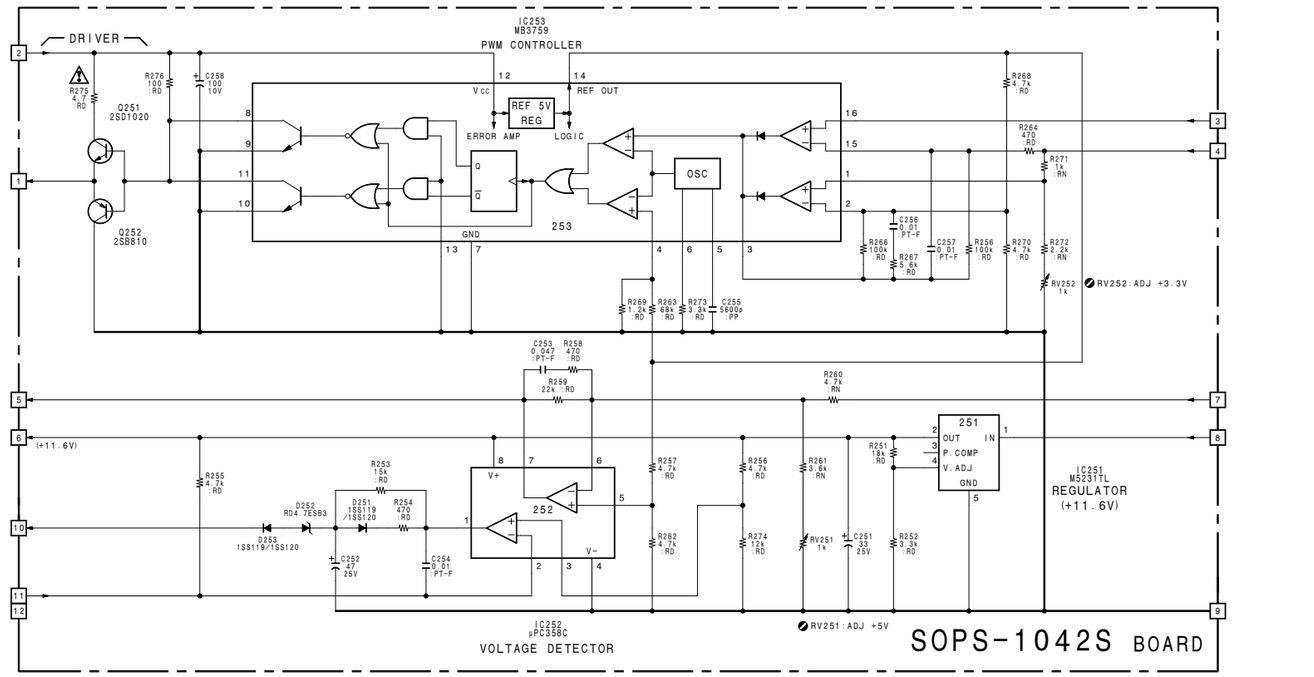
KY-231 BOARD

BOARD NO. 1-648-546-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :KY-231 MCB
DVW-A500P(EK) :KY-231 MCB
DVW-A500P(UC) :KY-231 MCB
DVW-500 (J, UC) :KY-231 MCB
DVW-500P (EK) :KY-231 MCB
DVW-500P (UC) :KY-231 MCB

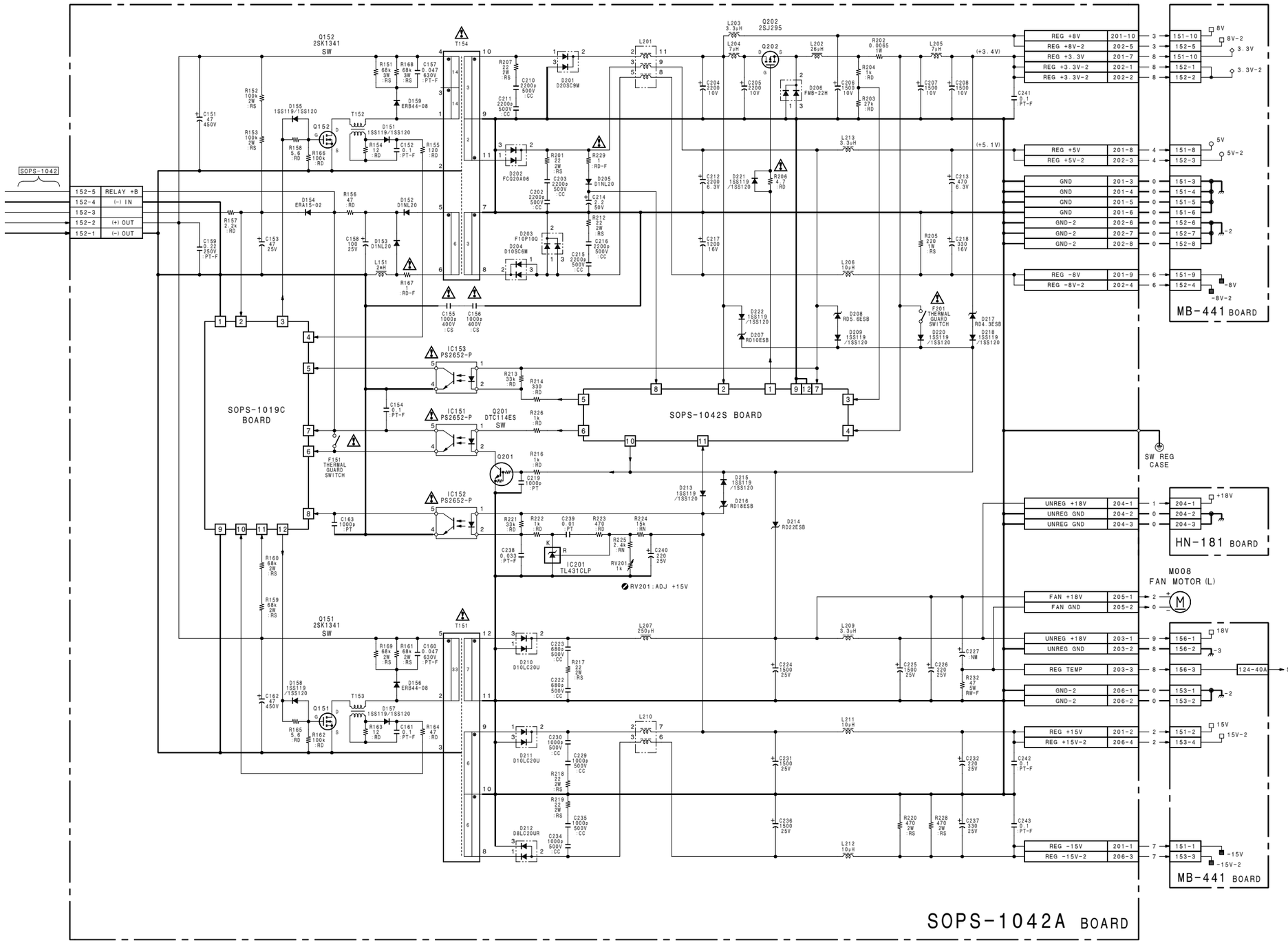
DVW-KY231-ALL-REC-S/M-05







NOTE:
ALL RESISTORS ARE 1/4W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.



Switching Regulater

SOPS-1042 (A)

DVW ALL MODELS

SOPS-1019C BOARD
BOARD NO. 1-640-835-11

SOPS-1042A BOARD
BOARD NO. 1-648-404-11

SOPS-1042D BOARD
BOARD NO. 1-656-244-11, 12

SOPS-1042S BOARD
BOARD NO. 1-648-406-11

AC Connector Board, With Breaker

AC-139/139B BOARD

BOARD NO. 1-648-557-11/21
BOARD'S LOT NO. 302-
DVW-A500P (EK) : AC-139 MCB
DVW-A500P (UC) : AC-139 MCB
DVW-500P (EK) : AC-139 MCB
DVW-500P (UC) : AC-139 MCB
DVW-A510P (EK) : AC-139B MCB
DVW-510P (EK) : AC-139B MCB
DVW-CA510P (EK) : AC-139B MCB
Repair for AC-139B MCB is AC-139 MCB

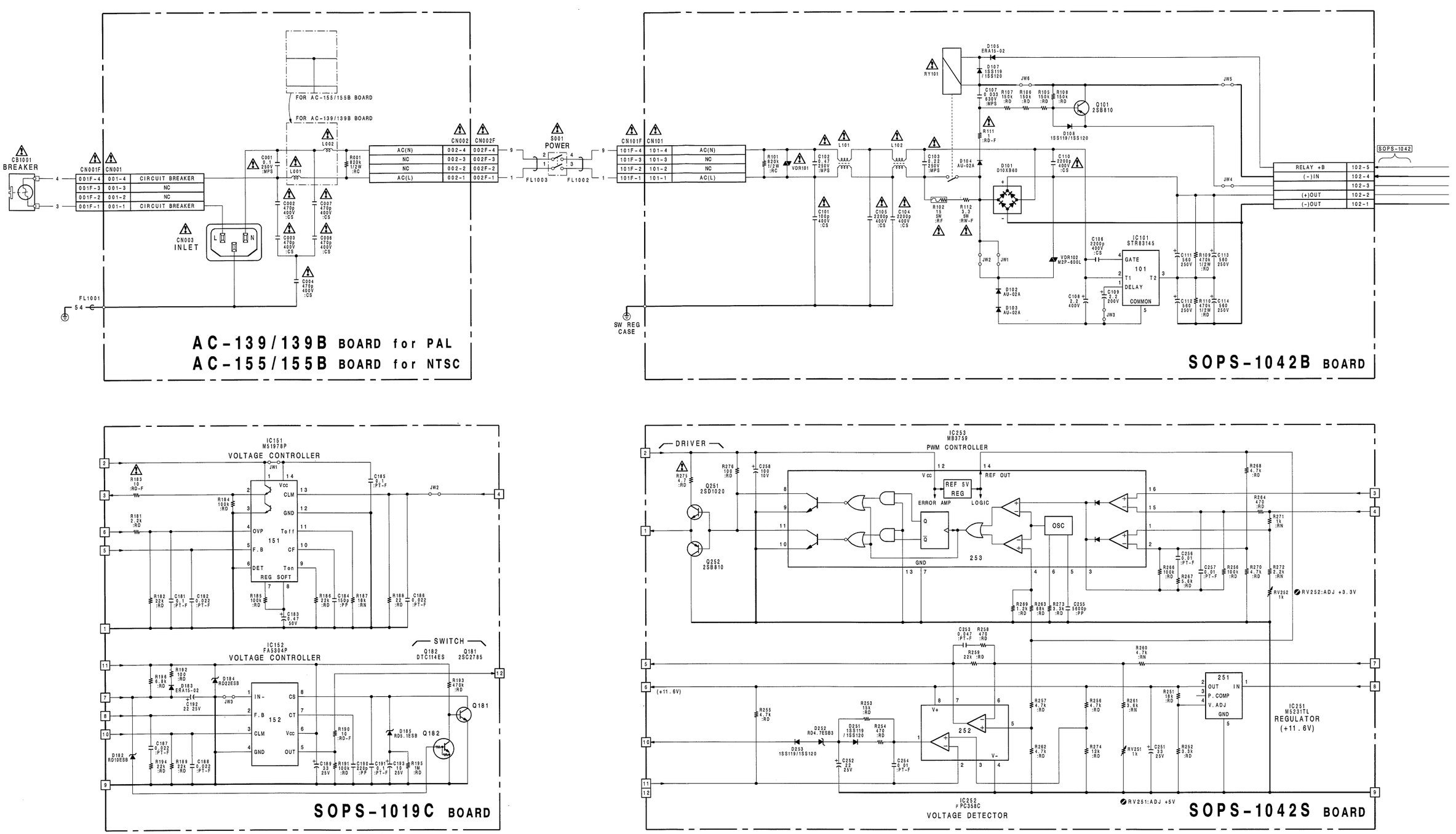
AC Connector Board, With Breaker

AC-155/155B BOARD

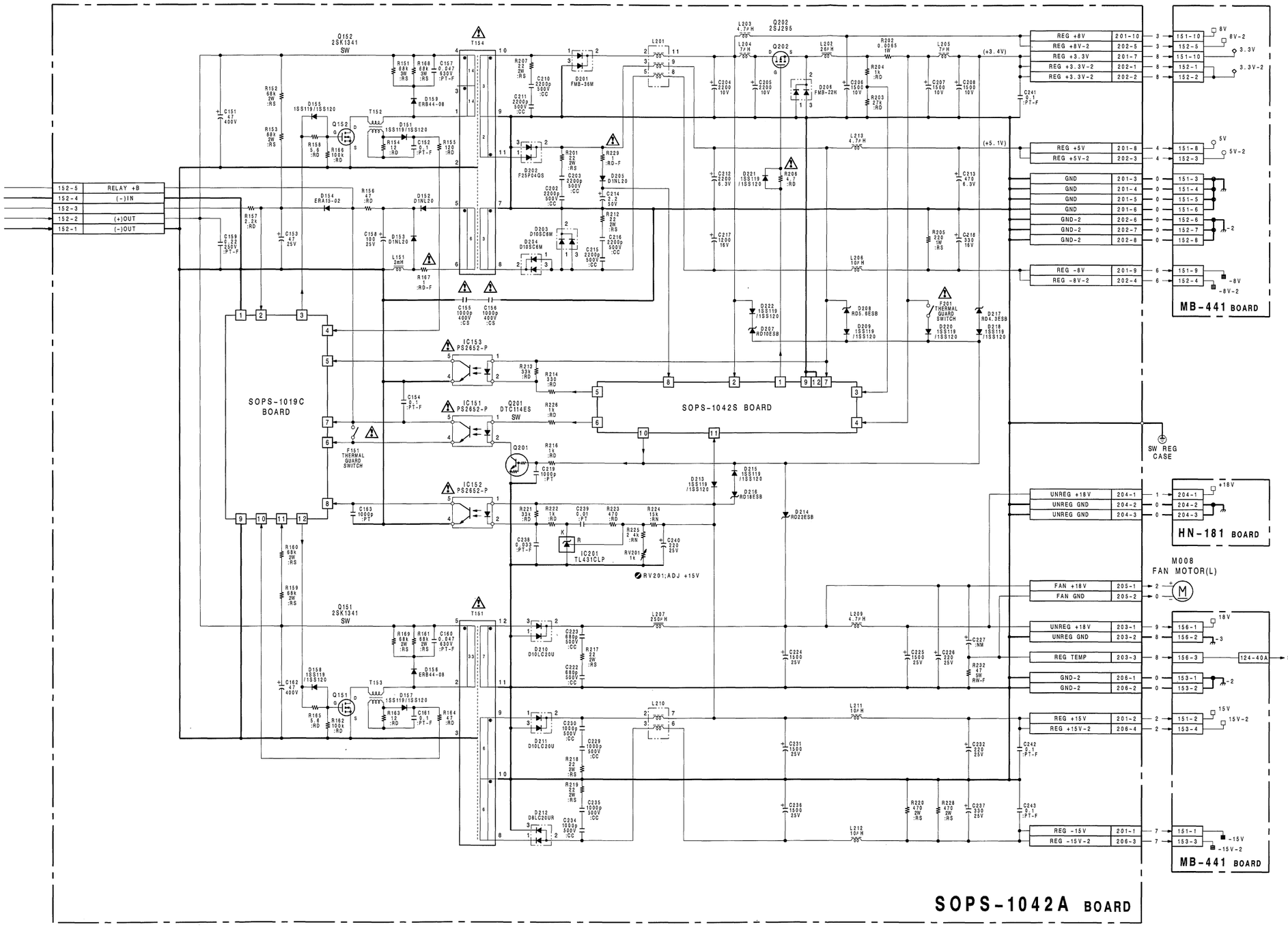
BOARD NO. 1-648-887-11/21
BOARD'S LOT NO. 302-
DVW-A500 (J, UC) : AC-155 MCB
DVW-500 (J, UC) : AC-155 MCB
DVW-A510 (J, UC) : AC-155B MCB
DVW-510 (J, UC) : AC-155B MCB
DVW-CA510 (J, UC) : AC-155B MCB
Repair for AC-155B MCB is AC-155 MCB

DVW-SOPS1042-ALL-ALL-S/M-04-B

AC-139/139B/155/155B, SOPS-1042



NOTE:
ALL RESISTORS ARE 1/4W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.



Switching Regurater

SOPS-1042

DVW ALL MODELS

SOPS-1019C BOARD
BOARD NO. 1-640-835-11

SOPS-1042A BOARD
BOARD NO. 1-648-404-11

SOPS-1042B BOARD
BOARD NO. 1-648-405-11

SOPS-1042S BOARD
BOARD NO. 1-648-406-11

AC Connector Board with Breaker

AC-139/139B BOARD

BOARD NO. 1-648-557-11/21
BOARD' S LOT NO. 302-
DVW-A500P (EK) :AC-139 MCB
DVW-A500P (UC) :AC-139 MCB
DVW-500P (EK) :AC-139 MCB
DVW-500P (UC) :AC-139 MCB
DVW-A510P (EK) :AC-139B MCB
DVW-510P (EK) :AC-139B MCB
DVW-CA510P(EK) :AC-139B MCB
Repair for AC-139B MCB is AC-139 MCB

AC Connector Board with Breaker

AC-155/155B BOARD

BOARD NO. 1-648-887-11/21
BOARD' S LOT NO. 302-
DVW-A500 (J, UC) :AC-155 MCB
DVW-500 (J, UC) :AC-155 MCB
DVW-A510 (J, UC) :AC-155B MCB
DVW-510 (J, UC) :AC-155B MCB
DVW-CA510(J, UC) :AC-155B MCB
Repair for AC-155B MCB is AC-155 MCB

DVW-SOPS1042-ALL-ALL-S/M-04-A

MB-441 (1/6)

MB-441 BOARD		CONNECTION	
SHEET No.	REF. No.		
(1/6)	CN100	DEC-65	BKDW-505/506
	CN101	TBC-23	DVW-A500/A500P ONLY (MB-441A MCB)
	CN102	TBC-24	
	CN103	DM-89	
	CN104	AP-28	
(2/6)	CN105	CUE-1AP/1A/1	
	CN106	EQ-45A/45	
	CN110 CN112	DIF-16	
(3/6)	CN113 CN114 CN115	VPR-1	
(4/6)	CN116 CN117 CN118	DPR-36	
(5/6)	CN119 CN120 CN121	APR-1	
(6/6)	CN122 CN123 CN124	SS-52A/52	
	CN130	RS232C CONNECTOR	
(5/6)	CN131	VIDEO CONTROL CONNECTOR	
(6/6)	CN132	REMOTE 1 IN(9P) CONNECTOR	
	CN133	REMOTE 1 OUT(9P) CONNECTOR	
	CN134	CONTROL PANEL CONNECTOR	
(3/6)	CN135 CN136	CP-218	(CN412) (CN413)
(5/6)	CN137	CP-220	(CN404)
(1/6)	CN138 CN139	CP-218	(CN414) (CN415)
(2/6)	CN140	CP-220	(CN402)
(5/6)	CN142 CN143 CN144		(CN400) (CN401) (CN403)
	CN145	VR-152	(CN512)
	CN147	FP-58	(CN500)
(6/6)	CN148	SWC-19	(CN148)
	CN149	HN-181	(CN201)
	CN150	FAN MOTOR(R)	
	CN151 CN152 CN153	SWITCHING REGULATOR	(CN201) (CN202) (CN206)
	CN154	HN-181	(CN205)
	CN155	NO CONNECTION	
	CN156	SWITCHING REGULATOR	(CN203)
(1/6)	CN160	CN161 OF MB-441	
	CN161	CN160 OF MB-441	

FOR DEC-65 BOARD(OPTION:BKDW-505/506)

DEC BOARD SHEET No.	CN100 A		CN100 B	DEC BOARD SHEET No.	
(1/2)	GND	1	GND	(1/2)	
(1/2)	GND	2	GND	(1/2)	
(1/2)	REG +8V	3	REG +8V	(1/2)	8V
(1/2)	REG -8V	4	REG -8V	(1/2)	-8V
(1/2)	REG +5V	5	REG +5V	(1/2)	5V
(1/2)	REG +3.3V	6	REG +3.3V	(1/2)	3.3V
(1/2)	NC	7	NC	(1/2)	
(1/2)	NC	8	NC	(1/2)	
(1/2)	NC	9	NC	(1/2)	
(1/2)	INPUT VIDEO(G)	10	INPUT VIDEO(X)	(1/2)	138-2
(1/2)	NC	11	NC	(1/2)	
(1/2)	GND	12	GND	(1/2)	
(1/2)	EVB CONT 1	13	NC	(1/2)	139-1
(1/2)	EVB CONT 2	14	DEC PLL LOCK	(2/2)	139-2, 114-23B
(1/2)	Y DEC(X)	15	NC	(1/2)	139-3
(1/2)	Y DEC(G)	16	NC	(1/2)	139-4
(1/2)	R-Y DEC(X)	17	NC	(1/2)	139-5
(1/2)	R-Y DEC(G)	18	NC	(1/2)	139-6
(1/2)	B-Y DEC(X)	19	NC	(1/2)	139-7
(1/2)	B-Y DEC(G)	20	NC	(1/2)	139-8
(1/2)	GND	21	GND	(1/2)	
(1/2)	L;POWER ON RESET	22	NC	(1/2)	114-18B
(1/2)	NC	23	NC	(1/2)	
(1/2)	DIF DEC JP0	24	DIF DEC JP1	(1/2)	110-11A, 110-11B
(1/2)	DIF DEC JP2	25	NC	(1/2)	110-12A
(2/2)	D2 DATA 0	26	D2 DATA 1	(2/2)	110-1A, 110-1B
(2/2)	D2 DATA 2	27	D2 DATA 3	(2/2)	110-2A, 110-2B
(2/2)	D2 DATA 4	28	D2 DATA 5	(2/2)	110-3A, 110-3B
(2/2)	D2 DATA 6	29	D2 DATA 7	(2/2)	110-4A, 110-4B
(2/2)	D2 DATA 8	30	D2 DATA 9	(2/2)	110-5A, 110-5B
(2/2)	D2 CF0	31	D2 CF1	(2/2)	110-7A, 110-7B
(2/2)	D2 CF2	32	D2 PARITY	(2/2)	110-8A, 110-8B
(2/2)	D2 GND	33	D2 GND	(2/2)	100-33B, 110-9A/9B, 100-33A, 110-9A/9B
(2/2)	D2 CK(G)	34	D2 CK(X)	(2/2)	110-10B, 110-10A
(1/2)	NC	35	NC	(1/2)	
(1/2)	DEC EVR DATA	36	DEC EVR CK	(1/2)	114-17A, 114-17B
(1/2)	C 100/75	37	NC	(1/2)	114-18A
(1/2)	NC	38	NC	(1/2)	
(1/2)	MODE DATA	39	STATUS DATA	(2/2)	114-19A, 114-19B
(1/2)	DD START	40	DD SCK	(1/2)	114-20A, 114-20B
(1/2)	DEC LOAD	41	DEC DO	(1/2)	114-21B, 114-22B
(1/2)	NC	42	NC	(1/2)	
(2/2)	FR RST	43	CF RST	(2/2)	114-14A, 114-14B
(2/2)	EXT 4FSC(G)	44	EXT 4FSC(X)	(2/2)	114-15A, 114-15B
(1/2)	NC	45	NC	(1/2)	
(2/2)	DEC GND	46	DEC GND	(2/2)	100-46B, 114-5A/5B, 100-46A, 114-5A/5B
(2/2)	DEC DATA 0	47	DEC DATA 1	(2/2)	114-6A, 114-6B
(2/2)	DEC DATA 2	48	DEC DATA 3	(2/2)	114-7A, 114-7B
(2/2)	DEC DATA 4	49	DEC DATA 5	(2/2)	114-8A, 114-8B
(2/2)	DEC DATA 6	50	DEC DATA 7	(2/2)	114-9A, 114-9B
(2/2)	DEC DATA 8	51	DEC DATA 9	(2/2)	114-10A, 114-10B
(2/2)	DEC HD	52	DEC VD	(2/2)	114-11A, 114-11B
(2/2)	DEC CF INFO	53	DEC PARITY	(2/2)	114-12A, 114-12B
(2/2)	DEC CK(G)	54	DEC CK(X)	(2/2)	114-13A, 114-13B
(1/2)	NC	55	NC	(1/2)	
(1/2)	NC	56	NC	(1/2)	
(1/2)	REG +15V	57	REG +15V	(1/2)	15V
(1/2)	REG -15V	58	REG -15V	(1/2)	-15V
(1/2)	GND	59	GND	(1/2)	
(1/2)	GND	60	GND	(1/2)	

CN138		
100-10A	INPUT VIDEO(G)	1 — 8
100-10B	INPUT VIDEO(X)	2 — 9 — CP-218, 414-2
	GND	3 — 8 — CP-218, 414-3
8V	REG -8V	4 — 8 — CP-218, 414-4
-8V	REG +8V	5 — 8 — CP-218, 414-5

CN139		
100-13A	EVB CONT 1	1 — 9 — CP-218, 415-1
100-14A	EVB CONT 2	2 — 8 — CP-218, 415-2
100-15A	Y DEC(X)	3 — 9 — CP-218, 415-3
100-16A	Y DEC(G)	4 — 8
100-17A	R-Y DEC(X)	5 — 9 — CP-218, 415-5
100-18A	R-Y DEC(G)	6 — 8
100-19A	B-Y DEC(X)	7 — 9 — CP-218, 415-7
100-20A	B-Y DEC(G)	8 — 8

FOR TBC-23 BOARD

TBC BOARD SHEET No.	CN101 A		CN101 B	TBC BOARD SHEET No.	
(5/5)	GND	1	GND	(5/5)	
(5/5)	GND	2	GND	(5/5)	
(5/5)	REG +8V	3	REG +8V	(5/5)	8V
(5/5)	REG -8V	4	REG -8V	(5/5)	-8V
(5/5)	REG +5V	5	REG +5V	(5/5)	5V
(5/5)	REG +3.3V	6	REG +3.3V	(5/5)	3.3V
(1/5)	Y DATA 0	7	Y DATA 1	(1/5)	102-7B, 102-7A
(1/5)	Y DATA 2	8	Y DATA 3	(1/5)	102-8B, 102-8A
(1/5)	Y DATA 4	9	Y DATA 5	(1/5)	102-9B, 102-9A
(1/5)	Y DATA 6	10	Y DATA 7	(1/5)	102-10B, 102-10A
(1/5)	Y DATA 8	11	Y DATA 9	(1/5)	102-11B, 102211A
(1/5)	Y WZ	12	Y GATED WCK	(1/5)	102-12B, 102-12A
(1/5)	Y ADV WZ	13	Y WCLP	(1/5)	102-13B, 102-13A
(1/5)	L;Y GUARD BAND	14	Y TBC PB SYNC	(1/5)	102-14B, 102-14A
(1/5)	Y PDS CONT	15	Y SHW	(5/5)	102-15B, 102-15A
(1/5)	Y SPD PWM	16	Y SDO	(1/5)	102-16B, 102-16A
(1/5)	L;Y SDO PLS	17	VISC DET	(1/5)	102-44B, 102-17A
(5/5)	H;H SHIFT	18	H;Y REF INS	(1/5)	114-35B, 103-18A
(1/5)	L;F-BID	19	H;Y PEDESTAL INS	(1/5)	102-19A, 103-17A
(1/5)	SERVO V	20	JUMP ID0	(5/5)	123-10B, 124-42A
(1/5)	DT V	21	SCH TRACKING	(4/5)	123-11A, 102-21A
(1/5)	PB O/E	22	PB V	(1/5)	123-11B, 102-22A
(1/5)	L;REV/H;FWD	23	Y WRITE V	(1/5)	123-12A, 102-23A
(1/5)	L;NOISELESS PB	24	TBC DIAG 1	(3/5)	123-12B, 102-24A
(1/5)	L;DT	25	TBC DIAG 2	(3/5)	123-13A, 102-25A
(5/5)	JUMP ID1	26	TBC DIAG 3	(3/5)	123-13B, 102-26A
(5/5)	JUMP ID2	27	TBC DIAG 4	(3/5)	124-42B, 102-27A
(1/5)	L;C SDO PLS	28	Y/C DL CONT	(3/5)	102-46B, 102-28A
(5/5)	B-CAM CF INFO	29	C WRITE V	(1/5)	114-34A, 102-29A
(1/5)	PB FP1	30	H;C PEDESTAL INS	(1/5)	123-14A, 103-17B
(1/5)	PB FP2	31	H;C REF INS	(1/5)	123-14B, 103-18B
(5/5)	H;V SHIFT	32	C SDO	(1/5)	114-35A, 102-32A
(1/5)	C PDS CONT	33	C SHW	(1/5)	102-33B, 102-33A
(1/5)	L;C GUARD BAND	34	C PB SYNC	(1/5)	102-34B, 102-34A
(1/5)	C ADV WZ	35	C WCLP	(1/5)	102-35B, 102-35A
(1/5)	C WZ	36	C GATED WCK	(1/5)	102-36B, 102-36A
(1/5)	C DATA 0	37	C DATA 1	(1/5)	102-37B, 102-37A
(1/5)	C DATA 2	38	C DATA 3	(1/5)	102-38B, 102-38A
(1/5)	C DATA 4	39	C DATA 5	(1/5)	102-39B, 102-39A
(1/5)	C DATA 6	40	C DATA 7	(1/5)	102-40B, 102-40A
(1/5)	C DATA 8	41	C DATA 9	(1/5)	102-41B, 102-41A
(3/5)	SYIF2 CMD	42	L;TBC CS	(3/5)	122-13A, 122-14B
(3/5)	SYIF2 SCK	43	SYIF2 RDY	(3/5)	122-13B, 122-12A
(3/5)	SYIF2 RES	44	L;SYS RESET	(3/5)	122-12B, 122-35A
(3/5)	TBC VD	45	VISC Y(X)	(4/5)	115-46B, 113-11B
(3/5)	TBC HD	46	VISC Y(G)	(4/5)	115-47A, 113-11A
(3/5)	TBC 4FSC(X)	47	ANA O/E	(1/5)	113-22B, 115-47B
(3/5)	TBC 4FSC(G)	48	B-CAM CF	(3/5)	113-22A, 113-21B
(5/5)	TBC GND	49	B-CAM DATA 0	(5/5)	114-27A/27B, 114-28A
(5/5)	B-CAM DATA 1	50	B-CAM DATA 2	(5/5)	114-28B, 114-29A
(5/5)	B-CAM DATA 3	51	B-CAM DATA 4	(5/5)	114-29B, 114-30A
(5/5)	B-CAM DATA 5	52	B-CAM DATA 6	(5/5)	114-30B, 114-31A
(5/5)	B-CAM DATA 7	53	B-CAM DATA 8	(5/5)	114-31B, 114-32A
(5/5)	B-CAM DATA 9	54	B-CAM PARITY	(5/5)	114-32B, 114-34B
(5/5)	B-CAM VD	55	B-CAM HD	(5/5)	114-33B, 114-33A
(3/5)	TBC CK 27(X)	56	TBC CK 27(G)	(3/5)	114-36B, 114-36A
(5/5)	REG +15V	57	REG +15V	(5/5)	15V
(5/5)	REG -15V	58	REG -15V	(5/5)	-15V
(5/5)	GND	59	GND	(5/5)	
(5/5)	GND	60	GND	(5/5)	

1-182

FOR TBC-24 BOARD

TBC BOARD SHEET No.	CN102 A		CN102 B	TBC BOARD SHEET No.
(1/3)	GND	1	GND	(1/3)
(1/3)	GND	2	GND	(1/3)
(1/3)	REG +8V	3	REG +8V	(1/3)
(1/3)	REG -8V	4	REG -8V	(1/3)
(1/3)	REG +5V	5	REG +5V	(1/3)
(1/3)	REG +3.3V	6	REG +3.3V	(1/3)
(1/3)	Y DATA 1	7	Y DATA 0	(1/3)
(1/3)	Y DATA 3	8	Y DATA 2	(1/3)
(1/3)	Y DATA 5	9	Y DATA 4	(1/3)
(1/3)	Y DATA 7	10	Y DATA 6	(1/3)
(1/3)	Y DATA 9	11	Y DATA 8	(1/3)
(2/3)	Y GATED WCK	12	Y WZ	(2/3)
(1/3)	Y WCLP	13	Y ADV WZ	(2/3)
(2/3)	Y TBC PB SYNC	14	L;Y GUARD BAND	(2/3)
(2/3)	Y SHW	15	Y PDS CONT	(1/3)
(2/3)	Y SDO	16	Y SPD PWM	(2/3)
(1/3)	VISC DET	17	DM TBC SS JP0	(2/3)
(2/3)	ADV Y SW PLS	18	L;PB NO SIG	(2/3)
(1/3)	L;F-BID	19	Y W CLAMP PLS	(1/3)
(2/3)	SERVO V	20	TBC SPEED	(2/3)
(2/3)	SCH TRACKING	21	GND	(1/3)
(2/3)	PB V	22	GND	(1/3)
(2/3)	Y WRITE V	23	GND	(1/3)
(1/3)	TBC DIAG 1	24	GND	(1/3)
(1/3)	TBC DIAG 2	25	Y DEMOD(X)	(1/3)
(1/3)	TBC DIAG 3	26	Y DEMOD(G)	(1/3)
(1/3)	TBC DIAG 4	27	NC	(2/3)
(3/3)	Y/C DL CONT	28	C DEMOD(X)	(1/3)
(3/3)	C WRITE V	29	C DEMOD(G)	(1/3)
(3/3)	ADV C SW PLS	30	NC	(2/3)
(3/3)	DM TBC SS JP1	31	C SH	(3/3)
(3/3)	C SDO	32	C W CLAMP PLS	(1/3)
(3/3)	C SHW	33	C PDS CONT	(1/3)
(3/3)	C PB SYNC	34	L;C GUARD BAND	(3/3)
(1/3)	C WCLP	35	C ADV WZ	(3/3)
(3/3)	C GATED WCK	36	C WZ	(3/3)
(1/3)	C DATA 1	37	C DATA 0	(1/3)
(1/3)	C DATA 3	38	C DATA 2	(1/3)
(1/3)	C DATA 5	39	C DATA 4	(1/3)
(1/3)	C DATA 7	40	C DATA 6	(1/3)
(1/3)	C DATA 9	41	C DATA 8	(1/3)
(2/3)	Y PB SYNC	42	C GBD	(3/3)
(3/3)	TBC VPR JP5	43	L;Y DO PLS	(1/3)
(2/3)	TBC VD 2	44	L;Y SDO PLS	(1/3)
(3/3)	TBC VPR JP7	45	L;C DO PLS	(1/3)
(3/3)	TBC VPR JP1	46	L;C SDO PLS	(1/3)
(3/3)	TBC VPR JP2	47	CNF AC FREQ	(2/3)
(1/3)	L;Y PCM MUTE	48	NC	(2/3)
(1/3)	L;C PCM MUTE	49	H;SV LOCK	(2/3)
(1/3)	H;OSC ON	50	L;METAL/H;OXIDE	(3/3)
(1/3)	DM TBC JP1	51	H;NTSC/L;PAL	(3/3)
(2/3)	NC	52	NC	(2/3)
(2/3)	NC	53	NC	(2/3)
(1/3)	AP TBC JP0	54	NC	(2/3)
(1/3)	AP TBC JP1	55	NC	(2/3)
(2/3)	NC	56	NC	(2/3)
(1/3)	REG +15V	57	REG +15V	(1/3)
(1/3)	REG -15V	58	REG -15V	(1/3)
(1/3)	GND	59	GND	(1/3)
(1/3)	GND	60	GND	(1/3)

FOR DM-89 BOARD

DM BOARD SHEET No.	CN103 A		CN103 B	DM BOARD SHEET No.
(4/4)	GND	1	GND	(4/4)
(4/4)	GND	2	GND	(4/4)
(4/4)	REG +8V	3	REG +8V	(4/4)
(4/4)	REG -8V	4	REG -8V	(4/4)
(4/4)	REG +5V	5	REG +5V	(4/4)
(4/4)	REG +3.3V	6	REG +3.3V	(4/4)
(4/4)	NC	7	NC	(4/4)
(4/4)	NC	8	NC	(4/4)
(4/4)	NC	9	NC	(4/4)
(4/4)	ADV C SW PLS	10	L;NOISELESS PB AP DM JP1	(4/4)
(4/4)	NC	11	NC	(4/4)
(4/4)	NC	12	NC	(4/4)
(4/4)	NC	13	NC	(4/4)
(2/4)	L;Y DO	14	L;C DO	(2/4)
(4/4)	L;METAL/H;OXIDE	15	NC	(4/4)
(1/4)	L;Y DO PLS	16	L;C DO PLS	(2/4)
(4/4)	H;Y PEDESTAL INS	17	H;C PEDESTAL INS	(4/4)
(4/4)	H;Y REF INS	18	H;C REF INS	(4/4)
(3/4)	Y W CLAMP PLS	19	L;PB NO SIG	(3/4)
(3/4)	C W CLAMP PLS	20	TBC SPEED	(3/4)
(4/4)	NC	21	NC	(4/4)
(4/4)	H;AFM MUTE	22	H;LAU MUTE	(4/4)
(4/4)	H;NR ON	23	NC	(4/4)
(4/4)	NC	24	NC	(4/4)
(4/4)	GND	25	GND	(4/4)
(3/4)	Y DEMOD(X)	26	GND	(4/4)
(3/4)	Y DEMOD(G)	27	GND	(4/4)
(3/4)	C DEMOD(X)	28	GND	(4/4)
(3/4)	C DEMOD(G)	29	GND	(4/4)
(4/4)	NC	30	NC	(4/4)
(1/4)	Y RF ENVELOPE(X)	31	NC	(4/4)
(1/4)	Y RF ENVELOPE(G)	32	NC	(4/4)
(2/4)	C RF ENVELOPE(X)	33	NC	(4/4)
(2/4)	C RF ENVELOPE(G)	34	NC	(4/4)
(4/4)	NC	35	NC	(4/4)
(1/4)	DM SS JP2	36	NC	(4/4)
(1/4)	DM SS JP3	37	NC	(4/4)
(1/4)	GND	38	DM PB Y(X)	(1/4)
(1/4)	GND	39	DM PB Y(G)	(1/4)
(2/4)	GND	40	DM PB C(X)	(2/4)
(2/4)	GND	41	DM PB C(G)	(2/4)
(2/4)	C RF(X)	42	DM SS JP0	(4/4)
(2/4)	C RF(G)	43	DM SS JP1	(4/4)
(1/4)	L;RF Y VBLK	44	H;FAST SEARCH	(4/4)
(2/4)	L;RF C VBLK	45	L;SLOW BID	(4/4)
(4/4)	NC	46	L;Y PCM MUTE	(3/4)
(3/4)	CNF AC FREQ	47	L;C PCM MUTE	(3/4)
(3/4)	DM TBC SS JP0	48	ADV Y SW PLS	(3/4)
(3/4)	DM TBC SS JP1	49	ADV C SW PLS	(3/4)
(2/4)	H;OSC ON	50	DM TBC JP1	(2/4)
(4/4)	SYIF2 SCK	51	SYIF2 CMD	(4/4)
(4/4)	SYIF2 RES	52	SYIF2 RDY	(4/4)
(4/4)	L;DM CS	53	L;SYS RESET	(4/4)
(4/4)	L;REF CK ERROR	54	L;PLL ERROR	(4/4)
(4/4)	L;W/R TIM ERROR	55	L;SQL ON	(4/4)
(4/4)	NC	56	NC	(4/4)
(4/4)	REG +15V	57	REG +15V	(4/4)
(4/4)	REG -15V	58	REG -15V	(4/4)
(4/4)	GND	59	GND	(4/4)
(4/4)	GND	60	GND	(4/4)

FOR AP-28 BOARD

DM BOARD SHEET No.	CN104 A		CN104 B	DM BOARD SHEET No.
(1/3)	GND	1	GND	(1/3)
(1/3)	GND	2	GND	(1/3)
(1/3)	REG +8V	3	REG +8V	(1/3)
(1/3)	REG -8V	4	REG -8V	(1/3)
(1/3)	REG +5V	5	REG +5V	(1/3)
(1/3)	REG +3.3V	6	REG +3.3V	(1/3)
(3/3)	NC	7	NC	(3/3)
(3/3)	NC	8	NC	(3/3)
(2/3)	AP TBC JP0	9	AP TBC JP1	(2/3)
(2/3)	ADV C SW PLS	10	AP DM JP1	(2/3)
(3/3)	NC	11	NC	(3/3)
(2/3)	REF CK 27(X)	12	NC	(3/3)
(2/3)	REF CK 27(G)	13	NC	(3/3)
(2/3)	Y PB SYNC	14	NC	(3/3)
(2/3)	C GBD	15	NC	(3/3)
(2/3)	C SH	16	NC	(3/3)
(3/3)	NC	17	DT V	(2/3)
(2/3)	L;REF CK ERROR	18	ANA Ö/E	(2/3)
(2/3)	L;PLL ERROR	19	NC	(3/3)
(2/3)	L;W/R TIM ERROR	20	NC	(3/3)
(3/3)	L;SQL ON	21	H;SV LOCK	(3/3)
(2/3)	L;Y DO PLS	22	L;NOISELESS PB	(2/3)
(2/3)	H;AFM MUTE	23	H;DIGITAL/L;ANALOG	(2/3)
(1/3)	H;LAU MUTE	24	H;METAL/L;OXIDE	(2/3)
(1/3)	H;NR ON	25	H;NTSC/L;PAL	(2/3)
(2/3)	GND	26	GND	(2/3)
(2/3)	GND	27	GND	(2/3)
(2/3)	GND	28	GND	(2/3)
(2/3)	C RF(X)	29	C RF(G)	(2/3)
(2/3)	GND	30	GND	(2/3)
(3/3)	NC	31	NC	(3/3)
(3/3)	NC	32	NC	(3/3)
(3/3)	NC	33	NC	(3/3)
(3/3)	NC	34	NC	(3/3)
(3/3)	NC	35	NC	(3/3)
(3/3)	NC	36	NC	(3/3)
(3/3)	NC	37	NC	(3/3)
(1/3)	GND	38	GND	(1/3)
(1/3)	PB CH-2 SIG(X)	39	PB CH-2 SIG(G)	(1/3)
(1/3)	GND	40	GND	(1/3)
(1/3)	PB CH-1 SIG(X)	41	PB CH-1 SIG(G)	(1/3)
(1/3)	GND	42	GND	(1/3)
(3/3)	NC	43	NC	(3/3)
(3/3)	NC	44	NC	(3/3)
(3/3)	NC	45	NC	(3/3)
(1/3)	GND	46	GND	(1/3)
(1/3)	B PB CH-1(X)	47	B PB CH-1(G)	(1/3)
(1/3)	GND	48	GND	(1/3)
(1/3)	B PB CH-2(X)	49	B PB CH-2(G)	(1/3)
(3/3)	GND	50	GND	(3/3)
(3/3)	B PB CH-3(X)	51	B PB CH-3(G)	(3/3)
(3/3)	GND	52	GND	(3/3)
(3/3)	B PB CH-4(X)	53	B PB CH-4(G)	(3/3)
(3/3)	GND	54	GND	(3/3)
(3/3)	NC	55	NC	(3/3)
(3/3)	NC	56	NC	(3/3)
(1/3)	REG +15V	57	REG +15V	(1/3)
(1/3)	REG -15V	58	REG -15V	(1/3)
(1/3)	GND	59	GND	(1/3)
(1/3)	GND	60	GND	(1/3)

CN161			CN160	
EQ PB Y(X)	1	1	DM PB Y(X)	103-38B
EQ PB Y(G)	2	2	DM PB Y(G)	103-39B
EQ PB C(X)	3	3	DM PB C(X)	103-40B
EQ PB C(G)	4	4	DM PB C(G)	103-41B

CN101, 102, 103, 104, 160, 161

MB-441A MCB: MOUNTED AS DESIGN
MB-441 MCB : NO MOUNTED

LOT NO.	BOARD NO.
302-306	1-648-560-11
307-402	1-648-560-12
403-	1-648-560-13

Mother board

MB-441 BOARD (1/6)

BOARD NO. 1-648-560-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :MB-441A MCB
DVW-A500P(EK) :MB-441A MCB
DVW-A500P(UC) :MB-441A MCB
DVW-500 (J, UC) :MB-441 MCB
DVW-500P (EK) :MB-441 MCB
DVW-500P (UC) :MB-441 MCB

DVW-MB441-ALL-REC-S/M-05

CN100
CN101
CN102
CN103
CN104
CN138
CN139
CN160
CN161

MB-441 BOARD		CONNECTION	
SHEET No.	REF. No.		
(1/6)	CN100	DEC-65	BKDW-505/506
	CN101	TBC-23	DVW-A500/A500P ONLY (MB-441A MCB)
	CN102	TBC-24	
	CN103	DM-89	
	CN104	AP-28	
(2/6)	CN105	CUE-1AP/1A/1	
	CN106	EQ-45A/45	
	CN110	DIF-16	
	CN112		
(3/6)	CN113	VPR-1	
	CN114		
	CN115		
(4/6)	CN116	DPR-36	
	CN117		
	CN118		
(5/6)	CN119	APR-1	
	CN120		
	CN121		
(6/6)	CN122	SS-52A/52	
	CN123		
	CN124		
	CN130	RS232C CONNECTOR	
(5/6)	CN131	VIDEO CONTROL CONNECTOR	
(6/6)	CN132	REMOTE 1 IN(9P) CONNECTOR	
	CN133	REMOTE 1 OUT(9P) CONNECTOR	
	CN134	CONTROL PANEL CONNECTOR	
(3/6)	CN135	CP-218	(CN412)
	CN136		(CN413)
(5/6)	CN137	CP-220	(CN404)
(1/6)	CN138	CP-218	(CN414)
	CN139		(CN415)
(2/6)	CN140	CP-220	(CN402)
(5/6)	CN142		(CN400)
	CN143		(CN401)
	CN144		(CN403)
	CN145	VR-152	(CN512)
	CN147	FP-58	(CN500)
	CN148	SWC-19	(CN148)
(6/6)	CN149	HN-181	(CN201)
	CN150	FAN MOTOR(R)	
	CN151	SWITCHING REGULATOR	(CN201)
	CN152		(CN202)
	CN153		(CN206)
	CN154	HN-181	(CN205)
	CN155	NO CONNECTION	
	CN156	SWITCHING REGULATOR	(CN203)
(1/6)	CN160	CN161 OF MB-441	
	CN161	CN160 OF MB-441	

FOR CUE-1AP/1A/1 BOARD

	CUE BOARD	CN105			CUE BOARD	
	SHEET No.	A		B	SHEET No.	
	(3/4)	GND	1	GND	(3/4)	
	(3/4)	GND	2	GND	(3/4)	
8V	(3/4)	REG +8V	3	REG +8V	(3/4)	8V
-8V	(3/4)	REG -8V	4	REG -8V	(3/4)	-8V
5V	(1/4)	REG +5V	5	REG +5V	(1/4)	5V
3.3V	(3/4)	REG +3.3V	6	REG +3.3V	(3/4)	3.3V
	(3/4)	NC	7	NC	(3/4)	
	(3/4)	NC	8	NC	(3/4)	
	(3/4)	NC	9	NC	(3/4)	
123-6A	(3/4)	REC LTC	10	PB LTC	(3/4)	123-5A
123-5B	(1/4)	LTC SOURCE	11	NC	(3/4)	
137-6	(1/4)	EXT LTC IN(X)	12	EXT LTC IN(Y)	(1/4)	137-7
137-8	(1/4)	EXT LTC IN(G)	13	EXT LTC IN(G)	(1/4)	137-8
	(3/4)	NC	14	NC	(3/4)	
137-9	(1/4)	EXT LTC OUT(X)	15	EXT LTC OUT(Y)	(1/4)	137-10
137-11	(1/4)	EXT LTC OUT(G)	16	EXT LTC OUT(G)	(1/4)	137-11
123-6B	(1/4)	LTC OUT	17	NC	(3/4)	
	(3/4)	NC	18	NC	(3/4)	
120-26A	(2/4)	CUE JP0	19	CUE JP1	(2/4)	120-26B
	(3/4)	NC	20	NC	(3/4)	
	(3/4)	NC	21	NC	(3/4)	
	(3/4)	NC	22	NC	(3/4)	
147-13	(2/4)	CUE PB GAIN	23	CUE REC GAIN	(2/4)	147-14
147-12	(2/4)	CUE GAIN GND	24	CUE GAIN GND	(2/4)	147-12
	(3/4)	NC	25	NC	(3/4)	
140-1	(1/4)	CUE IN(X)	26	CUE IN(Y)	(1/4)	140-2
140-3	(1/4)	CUE IN(G)	27	CUE IN(G)	(1/4)	140-3
	(1/4)	NC	28	NC	(1/4)	
	(1/4)	NC	29	NC	(1/4)	
140-4	(1/4)	CUE OUT(X)	30	CUE OUT(Y)	(1/4)	140-5
140-6	(1/4)	CUE OUT(G)	31	CUE OUT(G)	(1/4)	140-6
	(1/4)	NC	32	NC	(1/4)	
120-36A	(2/4)	CUE PEAK SIGNAL	33	NC	(1/4)	
	(1/4)	NC	34	NC	(1/4)	
119-40A/40B	(2/4)	CUE MONITOR(X)	35	CUE MONITOR(G)	(2/4)	119-41A/41B
	(1/4)	NC	36	NC	(1/4)	
120-38B	(2/4)	CUE TEST SIG(X)	37	NC	(1/4)	
	(1/4)	NC	38	NC	(1/4)	
104-39A	(2/4)	PB CH-2 SIG(X)	39	PB CH-2 SIG(G)	(2/4)	104-39B
	(1/4)	NC	40	NC	(1/4)	
104-41A	(2/4)	PB CH-1 SIG(X)	41	PB CH-1 SIG(G)	(2/4)	104-41B
	(1/4)	NC	42	NC	(1/4)	
120-50A	(4/4)	L;POWER ON MUTE	43	CUE TEST	(3/4)	120-37A
120-38A	(4/4)	LTC ERASE DET	44	CUE MIC ON/OFF	(1/4)	137-5
120-39A	(4/4)	FULL ERASE DET	45	CUE ERASE DET	(4/4)	120-39B
120-40A	(2/4)	CUE EE DET	46	CUE BIAS DET	(4/4)	120-40B
120-41A	(1/4)	L;LTC EQ ON	47	CUE OUT DET	(2/4)	120-41B
120-42A	(4/4)	H;CUE ERASE ON	48	H;LTC ERASE ON	(4/4)	120-42B
120-43A	(4/4)	OSC H;OFF/L;ON	49	H;FULL ERASE ON	(4/4)	120-43B
120-44A	(3/4)	LTC H;PB/L;REC	50	H;CUE BIAS ON	(4/4)	120-44B
120-45A	(3/4)	H;LTC HPF ON	51	L;LTC EQ NORM	(3/4)	120-45B
120-46A	(3/4)	H;CUE REC MUTE	52	H;LTC LPF ON	(3/4)	120-46B
120-47A	(2/4)	H;CUE PB MUTE	53	CUE H;PB/L;EE	(3/4)	120-47B
120-48A	(3/4)	CUE H;PB/L;REC	54	H;DIGITAL/L;ANALOG	(3/4)	120-48B
120-49A	(2/4)	H;SLOW EQ ON	55	H;METAL/L;OXIDE	(3/4)	120-49B
103-22B	(2/4)	H;LAU MUTE	56	H;AUDIO ATT ON	(2/4)	120-50B
15V	(1/4)	REG +15V	57	REG +15V	(1/4)	15V
-15V	(1/4)	REG -15V	58	REG -15V	(1/4)	-15V
	(1/4)	GND	59	GND	(1/4)	
	(1/4)	GND	60	GND	(1/4)	

FOR EQ-45A/45 BOARD

	EQ BOARD	CN106			EQ BOARD	
	SHEET No.	A		B	SHEET No.	
	(1/6)	GND	1	GND	(1/6)	
	(1/6)	GND	2	GND	(1/6)	
8V	(1/6)	REG +8V	3	REG +8V	(1/6)	8V
-8V	(1/6)	REG -8V	4	REG -8V	(1/6)	-8V
5V	(1/6)	REG +5V	5	REG +5V	(1/6)	5V
3.3V	(1/6)	REG +3.3V	6	REG +3.3V	(1/6)	3.3V
122-37B	(1/6)	L;SYSTEM EE1	7	(A)GND	(1/6)	106-8A/10A
106-10A/7B	(1/6)	(A)GND	8	EQ PB Y(X)	(3/6)	161-1
122-38B	(1/6)	L;SYSTEM EE2	9	EQ PB Y(G)	(3/6)	161-2
106-8A/7B	(1/6)	(A)GND	10	EQ PB C(X)	(3/6)	161-3
122-34B	(1/6)	L;SYS RESET 3.3V	11	EQ PB C(G)	(3/6)	161-4
123-35B	(1/6)	L;FE B EN	12	L;FE A EN	(1/6)	123-35A
123-47B	(1/6)	REC BD SEL	13	REC AC SEL	(1/6)	123-47A
123-30A	(1/6)	EQ SS JP1	14	REC SAT AC	(1/6)	123-32A
123-34B	(1/6)	EQ SS JP2	15	L;SAT AC EN	(1/6)	123-34A
122-40B	(1/6)	H;REV/L;FWD	16	L;FAST SEARCH	(1/6)	123-33B
122-18A	(2/6)	EQ STB1	17	SYIF1 SCK	(2/6)	122-17B
122-18B	(3/6)	EQ STB2	18	SYIF1 CMD	(2/6)	122-17A
122-19A	(4/6)	EQ STB3	19	L;B-CAM SEL	(1/6)	122-36B
123-49A	(1/6)	ADV AC SEL	20	H;REC LOCK OUT	(1/6)	122-39B
123-49B	(1/6)	ADV BD SEL	21	PB SAT REC AC	(2/6)	123-25B, 117-19A
123-48A	(1/6)	CNF AC SEL	22	SVCNT ERR	(1/6)	122-36A
123-48B	(1/6)	CNF BD SEL	23	PB SAT REC BD	(2/6)	123-27B, 117-20A
123-37A	(5/6)	ADV AC FREQ	24	PRTY CLR	(1/6)	122-38A
123-37B	(5/6)	ADV BD FREQ	25	PB SAT ADV AC	(3/6)	123-29B
123-36A	(6/6)	CNF AC FREQ	26	PRTY ERR	(1/6)	122-37A
123-36B	(6/6)	CNF BD FREQ	27	PB SAT ADV BD	(3/6)	123-31B
116-37B	(1/6)	EQ DPR JP0	28	ADV AC ENV	(3/6)	123-22A, 117-17A
116-38B	(1/6)	EQ DPR JP1	29	ADV BD ENV	(3/6)	123-22B, 117-17B
	(1/6)	NC	30	CNF AC ENV	(4/6)	117-16A
	(1/6)	NC	31	CNF BD ENV	(4/6)	117-16B
122-3B, 117-7B	(5/6)	METRIC ADV BD	32	METRIC ADV AC	(5/6)	122-4B, 117-7A
122-5B, 117-8B	(6/6)	METRIC CNF BD	33	METRIC CNF AC	(6/6)	122-6B, 117-8A
123-23A	(1/6)	SAT CK(G)	34	SAT CK(X)	(1/6)	123-23B
116-15A	(1/6)	REC CK(G)	35	REC CK(X)	(1/6)	116-15B
116-16A	(1/6)	L;PRCD OFF	36	REC PRTY	(1/6)	116-16B
116-17B	(1/6)	REC AC D1	37	REC AC D0	(1/6)	116-17A
116-18B	(1/6)	REC AC D3	38	REC AC D2	(1/6)	116-18A
116-19B	(1/6)	REC BD D1	39	REC BD D0	(1/6)	116-19A
116-20B	(1/6)	REC BD D3	40	REC BD D2	(1/6)	116-20A
116-21A	(1/6)	L;REC C EN	41	L;REC A EN	(1/6)	116-21B
116-22A	(1/6)	L;REC D EN	42	L;REC B EN	(1/6)	116-22B
116-23B	(1/6)	ADV AC D1	43	ADV AC D0	(1/6)	116-23A
116-24B	(1/6)	ADV AC D3	44	ADV AC D2	(1/6)	116-24A
116-25A	(1/6)	ADV AC CK(G)	45	ADV AC CK(X)	(1/6)	116-25B
116-26A	(1/6)	ADV BD PRTY	46	ADV AC PRTY	(1/6)	116-26B
116-27B	(1/6)	ADV BD D1	47	ADV BD D0	(1/6)	116-27A
116-28B	(1/6)	ADV BD D3	48	ADV BD D2	(1/6)	116-28A
116-29A	(1/6)	ADV BD CK(G)	49	ADV BD CK(X)	(1/6)	116-29B
116-30B	(1/6)	CNF AC D1	50	CNF AC D0	(1/6)	116-30A
116-31B	(1/6)	CNF AC D3	51	CNF AC D2	(1/6)	116-31A
116-32A	(1/6)	CNF AC CK(G)	52	CNF AC CK(X)	(1/6)	116-32B
116-33A	(1/6)	CNF BD PRTY	53	CNF AC PRTY	(1/6)	116-33B
116-34B	(1/6)	CNF BD D1	54	CNF BD D0	(1/6)	116-34A
116-35B	(1/6)	CNF BD D3	55	CNF BD D2	(1/6)	116-35A
116-36A	(1/6)	CNF BD CK(G)	56	CNF BD CK(X)	(1/6)	116-36B
15V	(1/6)	REG +15V	57	REG +15V	(1/6)	15V
-15V	(1/6)	REG -15V	58	REG -15V	(1/6)	-15V
	(1/6)	GND	59	GND	(1/6)	
	(1/6)	GND	60	GND	(1/6)	

	CN140		
105-26A	CUE IN(X)	1	9 — CP-220, 402-1
105-26B	CUE IN(Y)	2	2 — CP-220, 402-2
105-27A/27B	CUE IN(G)	3	8
105-30A	CUE OUT(X)	4	9 — CP-220, 402-4
105-30B	CUE OUT(Y)	5	2 — CP-220, 402-5
105-31A/31B	CUE OUT(G)	6	8

FOR DIF-16 BOARD

DIF BOARD SHEET No.	A		B	DIF BOARD SHEET No.	
(4/5)	D2 DATA 0	1	D2 DATA 1	(4/5)	100-26B
(4/5)	D2 DATA 2	2	D2 DATA 3	(4/5)	100-27B
(4/5)	D2 DATA 4	3	D2 DATA 5	(4/5)	100-28B
(4/5)	D2 DATA 6	4	D2 DATA 7	(4/5)	100-29B
(4/5)	D2 DATA 8	5	D2 DATA 9	(4/5)	100-30B
(3/5)	NC	6	NC	(3/5)	
(4/5)	D2 CF0	7	D2 CF1	(4/5)	100-31B
(4/5)	D2 CF2	8	D2 PARITY	(4/5)	100-32B
(4/5)	D2 GND	9	D2 GND	(4/5)	100-33A/33B, 110-9A
(4/5)	D2 CK(X)	10	D2 CK(G)	(4/5)	100-34A
(4/5)	DIF DEC JP0	11	DIF DEC JP1	(4/5)	100-24B
(4/5)	DIF DEC JP2	12	DIF SS 4FSC(X)	(1/5)	122-34A
(3/5)	NC	13	DIF SS 4FSC(G)	(1/5)	122-33B
(4/5)	D1 DATA 0	14	D1 DATA 1	(4/5)	113-24B
(4/5)	D1 DATA 2	15	D1 DATA 3	(4/5)	113-25B
(4/5)	D1 DATA 4	16	D1 DATA 5	(4/5)	113-26B
(4/5)	D1 DATA 6	17	D1 DATA 7	(4/5)	113-27B
(4/5)	D1 DATA 8	18	D1 DATA 9	(4/5)	113-28B
(4/5)	D1 HD	19	D1 VD	(4/5)	113-29B
(4/5)	D1 CF0	20	D1 CF1	(4/5)	113-30B
(4/5)	D1 CF2	21	D1 PARITY	(4/5)	113-31B
(4/5)	CRCC	22	CSIT/COMP	(4/5)	114-25B
(4/5)	D1 CK(X)	23	D1 CK(G)	(4/5)	113-32A
(4/5)	DIF GND 2	24	DIF GND 2	(4/5)	110-24A, 113-42A/42B
(1/5)	D1/D2 DATA 0	25	D1/D2 DATA 1	(1/5)	113-34B
(1/5)	D1/D2 DATA 2	26	D1/D2 DATA 3	(1/5)	113-35B
(1/5)	D1/D2 DATA 4	27	D1/D2 DATA 5	(1/5)	113-36B
(1/5)	D1/D2 DATA 6	28	D1/D2 DATA 7	(1/5)	113-37B
(1/5)	D1/D2 DATA 8	29	D1/D2 DATA 9	(1/5)	113-38B
(1/5)	D1/D2 HD	30	NC	(3/5)	
(1/5)	D1/D2 CF0	31	D1 CF INFO/D2 CF1	(1/5)	113-40A
(1/5)	D1/D2 CF2	32	D1/D2 PARITY	(1/5)	113-41B
(1/5)	D1 DLY P/D2 SYNC	33	NC	(3/5)	
(1/5)	DIF GND 1	34	DIF GND 1	(1/5)	110-34A, 113-33A/33B
(1/5)	DIF 4FSC(X)	35	DIF 4FSC(G)	(1/5)	113-43A
(1/5)	ENC1 VCO OUT	36	DEC CK CONT	(4/5)	NC
(1/5)	DIF CK 27(X)	37	DIF CK 27(G)	(1/5)	114-2A
(2/5)	ENC2 VCO OUT	38	NC	(3/5)	
(4/5)	DIF SIG FLAG	39	DIF VPR JP2	(3/5)	114-24B
(3/5)	DPR DIF JP0	40	DPR DIF JP1	(3/5)	117-5B
(3/5)	DPR DIF JP2	41	NC	(3/5)	
(3/5)	DIF EVR DATA	42	DIF EVR CK	(3/5)	114-26B
(3/5)	L;DIF EVR RESET	43	NC	(3/5)	
(3/5)	REG +15V-2	44	REG +15V-2	(3/5)	15V-2
(3/5)	REG +15V-2	45	REG +15V-2	(3/5)	
(3/5)	REG -15V-2	46	REG -15V-2	(3/5)	-15V-2
(3/5)	REG -15V-2	47	REG -15V-2	(3/5)	
(3/5)	GND-2	48	GND-2	(3/5)	
(3/5)	GND-2	49	GND-2	(3/5)	
(3/5)	GND-2	50	GND-2	(3/5)	

FOR DIF-16 BOARD

DIF BOARD SHEET No.	A		B	DIF BOARD SHEET No.	
(3/5)	GND-2	1	GND-2	(3/5)	
(3/5)	GND-2	2	GND-2	(3/5)	
(3/5)	GND-2	3	GND-2	(3/5)	
(3/5)	REG +8V-2	4	REG +8V-2	(3/5)	8V-2
(3/5)	REG +8V-2	5	REG +8V-2	(3/5)	
(3/5)	REG -8V-2	6	REG -8V-2	(3/5)	-8V-2
(3/5)	REG -8V-2	7	REG -8V-2	(3/5)	
(3/5)	REG +5V-2	8	REG +5V-2	(3/5)	5V-2
(3/5)	REG +5V-2	9	REG +5V-2	(3/5)	
(3/5)	REG +3.3V-2	10	REG +3.3V-2	(3/5)	3.3V-2
(3/5)	REG +3.3V-2	11	REG +3.3V-2	(3/5)	
(3/5)	REG +3.3V-2	12	REG +3.3V-2	(3/5)	
(3/5)	REG +3.3V-2	13	REG +3.3V-2	(3/5)	
(3/5)	DD SCK	14	DD START	(3/5)	114-20A
(3/5)	MODE DATA	15	STATUS DATA	(3/5)	114-19B
(3/5)	DIF LOAD	16	DIF DO	(3/5)	114-22A
(2/5)	L;DIF CHA CS	17	DIF CHA CK	(2/5)	122-41B
(2/5)	DIF CHA DT	18	S CHARA SIG(X)	(2/5)	122-42B
(2/5)	S CHARA FRAME	19	S CHARA SIG(G)	(2/5)	122-43B
(3/5)	NC	20	CHARA FRAME	(3/5)	123-2A
(4/5)	DIF SS CSIT/COMP	21	NC	(3/5)	
(3/5)	NC	22	NC	(3/5)	
(3/5)	NC	23	NC	(3/5)	
(3/5)	NC	24	NC	(3/5)	
(1/5)	DIF AU 128FSO(G)	25	DIF AU 128FSO(X)	(1/5)	115-28B
(3/5)	GND-2	26	GND-2	(3/5)	
(3/5)	NC	27	DIF AU 64FSO	(1/5)	115-30A
(3/5)	GND-2	28	GND-2	(3/5)	
(3/5)	NC	29	DIF AU FSO	(1/5)	115-31A
(3/5)	NC	30	NC	(3/5)	
(3/5)	NC	31	NC	(3/5)	
(3/5)	NC	32	NC	(3/5)	
(3/5)	NC	33	NC	(3/5)	
(1/5)	SIF T 5/6	34	SIF T 7/8	(1/5)	117-46B
(5/5)	SIF R 5/6	35	SIF R 7/8	(5/5)	117-47B
(5/5)	SIF MUTE 5	36	SIF MUTE 6	(5/5)	117-48B
(5/5)	SIF MUTE 7	37	SIF MUTE 8	(5/5)	117-49B
(3/5)	NC	38	NC	(3/5)	
(1/5)	SIF T 1/2	39	SIF T 3/4	(1/5)	118-46B
(5/5)	SIF R 1/2	40	SIF R 3/4	(5/5)	118-47B
(5/5)	SIF MUTE 1	41	SIF MUTE 2	(5/5)	118-48B
(5/5)	SIF MUTE 3	42	SIF MUTE 4	(5/5)	118-49B
(3/5)	NC	43	NC	(3/5)	
(3/5)	SIF DATA 0	44	SIF DATA 1	(3/5)	121-46A
(3/5)	SIF DATA 2	45	SIF DATA 3	(3/5)	121-47A
(3/5)	SIF DATA 4	46	SIF DATA 5	(3/5)	121-48A
(3/5)	SIF DATA 6	47	SIF DATA 7	(3/5)	121-49A
(3/5)	NC	48	NC	(3/5)	
(3/5)	SIF ALE	49	SIF WR	(3/5)	121-50A
(3/5)	NC	50	SIF RD	(3/5)	121-50B

LOT NO.	BOARD NO.
302-306	1-648-560-11
307-402	1-648-560-12
403-	1-648-560-13

Mother board

MB-441 BOARD (2/6)

BOARD NO. 1-648-560-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :MB-441A MCB
DVW-A500P(EK) :MB-441A MCB
DVW-A500P(UC) :MB-441A MCB
DVW-500 (J, UC) :MB-441 MCB
DVW-500P (EK) :MB-441 MCB
DVW-500P (UC) :MB-441 MCB

DVW-MB441-ALL-REC-S/M-04

CN105
CN106
CN110
CN112
CN140

MB-441 BOARD		CONNECTION	
SHEET No.	REF. No.		
(1/6)	CN100	DEC-65	BKDW-505/506
	CN101	TBC-23	DVW-A500/A500P ONLY (MB-441A MCB)
	CN102	TBC-24	
	CN103	DM-89	
	CN104	AP-28	
(2/6)	CN105	CUE-1AP/1A/1	
	CN106	EQ-45A/45	
	CN110 CN112	DIF-16	
(3/6)	CN113 CN114 CN115	VPR-1	
(4/6)	CN116 CN117 CN118	DPR-36	
(5/6)	CN119 CN120 CN121	APR-1	
(6/6)	CN122 CN123 CN124	SS-52A/52	
	CN130	RS232C CONNECTOR	
(5/6)	CN131	VIDEO CONTROL CONNECTOR	
(6/6)	CN132	REMOTE 1 IN(9P) CONNECTOR	
	CN133	REMOTE 1 OUT(9P) CONNECTOR	
	CN134	CONTROL PANEL CONNECTOR	
(3/6)	CN135 CN136	CP-218	(CN412) (CN413)
(5/6)	CN137	CP-220	(CN404)
(1/6)	CN138 CN139	CP-218	(CN414) (CN415)
(2/6)	CN140		(CN402)
(5/6)	CN142 CN143 CN144	CP-220	(CN400) (CN401) (CN403)
	CN145	VR-152	(CN512)
	CN147	FP-58	(CN500)
(6/6)	CN148	SWC-19	(CN148)
	CN149	HN-181	(CN201)
	CN150	FAN MOTOR(R)	
	CN151 CN152 CN153	SWITCHING REGULATOR	(CN201) (CN202) (CN206)
	CN154	HN-181	(CN205)
	CN155	NO CONNECTION	
	CN156	SWITCHING REGULATOR	(CN203)
(1/6)	CN160	CN161 OF MB-441	
	CN161	CN160 OF MB-441	

FOR VPR-1 BOARD

CN113

VPR BOARD SHEET No.	A		B	VPR BOARD SHEET No.
-2	(5/7) GND-2	1	GND-2	(5/7) -2
123-2B	(4/7) CHARA SIG(X)	2	CHARA FRAME	(4/7) 123-2A
-2	(5/7) GND-2	3	CHARA SIG(G)	(4/7) 123-3B
135-14	(4/7) OUTPUT B-Y(G)	4	OUTPUT B-Y(X)	(4/7) 135-13
135-12	(4/7) OUTPUT R-Y(G)	5	OUTPUT R-Y(X)	(4/7) 135-11
135-10	(4/7) OUTPUT Y(G)	6	OUTPUT Y(X)	(4/7) 135-9
-2	(5/7) GND-2	7	GND-2	(5/7) -2
135-8	(4/7) OUTPUT VIDEO 3(G)	8	OUTPUT VIDEO 3(X)	(4/7) 135-7
135-6	(4/7) OUTPUT VIDEO 1/2(G)	9	OUTPUT VIDEO 1/2(X)	(4/7) 135-5
-2	(5/7) GND-2	10	GND-2	(5/7) -2
101-45B	(4/7) VISC Y(G)	11	VISC Y(X)	(4/7) 101-45B
-2	(5/7) GND-2	12	GND-2	(5/7) -2
136-8	(1/7) INPUT B-Y(G)	13	INPUT B-Y(X)	(1/7) 136-7
136-5	(1/7) INPUT R-Y(G)	14	INPUT R-Y(X)	(1/7) 136-5
136-4	(1/7) INPUT Y(G)	15	INPUT Y(X)	(1/7) 136-3
-2	(5/7) GND-2	16	GND-2	(5/7) -2
136-2	(6/7) INPUT REF VIDEO(G)	17	INPUT REF VIDEO(X)	(6/7) 136-1
135-4	(6/7) CF SET(G)	18	CF SET(X)	(6/7) 135-3
135-2	(5/7) REF CONT 0	19	REF CONT 1	(5/7) 135-1
102-46A	(5/7) TBC VPR JP1	20	NC	(4/7)
102-47A	(5/7) TBC VPR JP2	21	B-CAM CF	(3/7) 101-48B
101-48A	(3/7) TBC 4FSC(G)	22	TBC 4FSC(X)	(3/7) 101-47A
-2	(5/7) GND-2	23	GND-2	(5/7) -2
110-14A	(2/7) D1 DATA 0	24	D1 DATA 1	(2/7) 110-14B
110-15A	(2/7) D1 DATA 2	25	D1 DATA 3	(2/7) 110-15B
110-16A	(2/7) D1 DATA 4	26	D1 DATA 5	(2/7) 110-16B
110-17A	(2/7) D1 DATA 6	27	D1 DATA 7	(2/7) 110-17B
110-18A	(2/7) D1 DATA 8	28	D1 DATA 9	(2/7) 110-18B
110-19A	(2/7) D1 HD	29	D1 VD	(2/7) 110-19B
110-20A	(2/7) D1 CF0	30	D1 CF1	(2/7) 110-20B
110-21A	(2/7) D1 CF2	31	D1 PARITY	(2/7) 110-21B
110-23B	(3/7) D1 CK(G)	32	D1 CK(X)	(3/7) 110-23A
110-34A/34B, 113-32B	(2/7) DIF GND 1	33	DIF GND 1	(2/7) 110-34A/34B, 113-33A
110-25A	(3/7) D1/D2 DATA 0	34	D1/D2 DATA 1	(3/7) 110-25B
110-26A	(3/7) D1/D2 DATA 2	35	D1/D2 DATA 3	(3/7) 110-26B
110-27A	(3/7) D1/D2 DATA 4	36	D1/D2 DATA 5	(3/7) 110-27B
110-28A	(3/7) D1/D2 DATA 6	37	D1/D2 DATA 7	(3/7) 110-28B
110-29A	(3/7) D1/D2 DATA 8	38	D1/D2 DATA 9	(3/7) 110-29B
110-30A	(3/7) D1/D2 HD	39	D1/D2 CF0	(3/7) 110-31A
110-31B	(3/7) D1 CF INFO/D2 CF1	40	D1/D2 CF2	(3/7) 110-32A
110-33A	(3/7) D1 DLY P/D2 SYNC	41	D1/D2 PARITY	(3/7) 110-32B
110-24A/24B, 113-42B	(3/7) DIF GND 2	42	DIF GND 2	(3/7) 110-24A/24B, 113-42A
110-35B	(3/7) DIF 4FSC(G)	43	DIF 4FSC(X)	(3/7) 110-35A
15V-2	(5/7) REG +15V-2	44	REG +15V-2	(5/7) 15V-2
	(5/7) REG +15V-2	45	REG +15V-2	(5/7)
-15V-2	(5/7) REG -15V-2	46	REG -15V-2	(5/7) -15V-2
	(5/7) REG -15V-2	47	REG -15V-2	(5/7)
3 2	(5/7) GND-2	48	GND-2	(5/7) 3 2
	(5/7) GND-2	49	GND-2	(5/7)
	(5/7) GND-2	50	GND-2	(5/7)

FOR VPR-1 BOARD

CN114

VPR BOARD SHEET No.	A		B	VPR BOARD SHEET No.
117-2A	(7/7) DPR CK 18(G)	1	DPR CK 18(X)	(7/7) 117-2B
110-37B	(7/7) DIF CK 27(G)	2	DIF CK 27(X)	(7/7) 110-37A
104-13A	(7/7) REF CK 27(G)	3	REF CK 27(X)	(7/7) 104-12A
-2	(5/7) GND-2	4	GND-2	(5/7) -2
100-46A/46B, 114-5B	(2/7) DEC GND	5	DEC GND	(2/7) 100-46A/46B, 114-5A
100-47A	(2/7) DEC DATA 0	6	DEC DATA 1	(2/7) 100-47B
100-48A	(2/7) DEC DATA 2	7	DEC DATA 3	(2/7) 100-48B
100-49A	(2/7) DEC DATA 4	8	DEC DATA 5	(2/7) 100-49B
100-50A	(2/7) DEC DATA 6	9	DEC DATA 7	(2/7) 100-50B
100-51A	(2/7) DEC DATA 8	10	DEC DATA 9	(2/7) 100-51B
100-52A	(2/7) DEC HD	11	DEC VD	(2/7) 100-52B
100-53A	(2/7) DEC CF INFO	12	DEC PARITY	(2/7) 100-53B
100-54A	(2/7) DEC CK(G)	13	DEC CK(X)	(2/7) 100-54B
100-43A	(2/7) FR RST	14	CF RST	(2/7) 100-43B
100-44A	(2/7) EXT 4FSC(G)	15	EXT 4FSC(X)	(2/7) 100-44B
-2	(5/7) GND-2	16	GND-2	(5/7) -2
100-36A	(5/7) DEC EVR DATA	17	DEC EVR CK	(5/7) 100-36B
100-37A	(5/7) C 100/75	18	L;POWER ON RESET	(5/7) 100-22A
100-39A, 112-15A	(5/7) MODE DATA	19	STATUS DATA	(5/7) 100-39B, 112-15B
100-40A, 112-14B	(5/7) DD START	20	DD SCK	(5/7) 100-40B, 112-14A
112-16A	(5/7) DIF LOAD	21	DEC LOAD	(5/7) 100-41A
112-16B	(5/7) DIF DO	22	DEC DO	(5/7) 100-41B
110-39A	(7/7) DIF SIG FLAG	23	DEC PLL LOCK	(5/7) 100-14B
110-22A	(3/7) CRCC	24	DIF VPR JP2	(5/7) 110-39B
110-42A	(5/7) DIF EVR DATA	25	CSIT/COMP	(3/7) 110-22B
110-43A	(5/7) L;DIF EVR RESET	26	DIF EVR CK	(5/7) 110-42B
101-49A, 114-27B	(3/7) TBC GND	27	TBC GND	(3/7) 101-49A, 114-27A
101-49B	(3/7) B-CAM DATA 0	28	B-CAM DATA 1	(3/7) 101-50A
101-50B	(3/7) B-CAM DATA 2	29	B-CAM DATA 3	(3/7) 101-51A
101-51B	(3/7) B-CAM DATA 4	30	B-CAM DATA 5	(3/7) 101-52A
101-52B	(3/7) B-CAM DATA 6	31	B-CAM DATA 7	(3/7) 101-53A
101-53B	(3/7) B-CAM DATA 8	32	B-CAM DATA 9	(3/7) 101-54A
101-55B	(3/7) B-CAM HD	33	B-CAM VD	(3/7) 101-55A
101-29A	(3/7) B-CAM CF INFO	34	B-CAM PARITY	(3/7) 101-54B
101-32A	(3/7) H;V SHIFT	35	H;H SHIFT	(3/7) 101-18A
101-56B	(2/7) TBC CK 27(G)	36	TBC CK 27(X)	(2/7) 101-56A
-2	(5/7) GND-2	37	GND-2	(5/7) -2
117-36A	(2/7) DPR CK 27(G)	38	DPR CK 27(X)	(2/7) 117-36B
117-37A	(2/7) REC DATA 0	39	REC DATA 1	(2/7) 117-37B
117-38A	(2/7) REC DATA 2	40	REC DATA 3	(2/7) 117-38B
117-39A	(2/7) REC DATA 4	41	REC DATA 5	(2/7) 117-39B
117-40A	(2/7) REC DATA 6	42	REC DATA 7	(2/7) 117-40B
117-41A	(2/7) REC DATA 8	43	REC DATA 9	(2/7) 117-41B
117-42A	(2/7) REC HD	44	REC VD	(2/7) 117-42B
117-43A	(2/7) REC CF INFO	45	REC PARITY	(2/7) 117-43B
114-45B, 117-44A/44B	(2/7) REC GND	46	REC GND	(2/7) 114-45A, 117-44A/44B
122-12A	(5/7) SYIF2 RDY	47	SYIF2 RES	(5/7) 122-12B
122-13A	(5/7) SYIF2 CMD	48	SYIF2 SCK	(5/7) 122-13B
122-14A	(5/7) L;VPR CS	49	REC AU ID0	(2/7) 117-21A
117-21B	(2/7) REC AU ID1	50	REC AU ID2	(2/7) 117-22A

FOR VPR-1 BOARD

CN115

VPR BOARD SHEET No.	A		B	VPR BOARD SHEET No.
3 2	(5/7) GND-2	1	GND-2	(5/7) 3 2
	(5/7) GND-2	2	GND-2	(5/7)
	(5/7) GND-2	3	GND-2	(5/7)
8V-2	(5/7) REG +8V-2	4	REG +8V-2	(5/7) 8V-2
	(5/7) REG +8V-2	5	REG +8V-2	(5/7)
-8V-2	(5/7) REG -8V-2	6	REG -8V-2	(5/7) -8V-2
	(5/7) REG -8V-2	7	REG -8V-2	(5/7)
5V-2	(5/7) REG +5V-2	8	REG +5V-2	(5/7) 5V-2
	(5/7) REG +5V-2	9	REG +5V-2	(5/7)
3.3V-2	(5/7) REG +3.3V-2	10	REG +3.3V-2	(5/7) 3.3V-2
	(5/7) REG +3.3V-2	11	REG +3.3V-2	(5/7)
	(5/7) REG +3.3V-2	12	REG +3.3V-2	(5/7)
	(5/7) REG +3.3V-2	13	REG +3.3V-2	(5/7)
118-14A	(3/7) PB DATA 0	14	PB DATA 1	(3/7) 118-14B
118-15A	(3/7) PB DATA 2	15	PB DATA 3	(3/7) 118-15B
118-16A	(3/7) PB DATA 4	16	PB DATA 5	(3/7) 118-16B
118-17A	(3/7) PB DATA 6	17	PB DATA 7	(3/7) 118-17B
118-18A	(3/7) PB DATA 8	18	PB DATA 9	(3/7) 118-18B
118-19A	(3/7) PB HD	19	PB VD	(3/7) 118-19B
118-20A	(3/7) PB CF INFO	20	PB PARITY	(3/7) 118-20B
115-21B, 118-21A/21B	(3/7) PB GND	21	PB GND	(3/7) 115-21A, 118-21A/21B
123-4A	(7/7) SS CK 13.5(G)	22	SS CK 13.5(X)	(7/7) 123-3A
118-23A	(7/7) DPR CK 13.5(G)	23	DPR CK 13.5(X)	(7/7) 118-23B
118-25A	(7/7) AUDIO VD	24	H PITCH COR	(7/7) 118-25B
118-26A	(5/7) DPR VPR JP2	25	DPR CF0	(7/7) 118-35A
121-23A	(7/7) AU 512FSO(G)	26	AU 512FSO(X)	(7/7) 121-24A
118-27A	(7/7) DPR AU 256FSO(G)	27	DPR AU 256FSO(X)	(7/7) 118-27B
112-25A	(7/7) DIF AU 128FSO(G)	28	DIF AU 128FSO(X)	(7/7) 112-25B
121-25A	(7/7) AU 128FSO(G)	29	AU 128FSO(X)	(7/7) 121-26A
112-27B	(7/7) DIF AU 64FSO	30	AU 64FSO	(7/7) 121-24B
112-29B	(7/7) DIF AU FSO	31	DPR AU 64FSO	(7/7) 118-26B
118-31A	(7/7) DPR AU FSO	32	AU FSO	(7/7) 121-27A
118-28A	(7/7) DPR 256FSOP(G)	33	DPR 256FSOP(X)	(7/7) 118-28B
121-25B	(7/7) 256FSOP(G)	34	256FSOP(X)	(7/7) 121-26B
121-28B	(7/7) 128FSOP(G)	35	128FSOP(X)	(7/7) 121-28A
121-27B	(7/7) 64FSOP	36	32FSOP	(7/7) 121-27B
118-31B	(7/7) DPR FSOP	37	FSOP	(7/7) 121-29B
121-22A	(7/7) APR PLL LOCK	38	APR VPR JP4	(5/7) 121-23B
118-29A	(7/7) DPR AU 256FSP(G)	39	DPR AU 256FSP(X)	(7/7) 118-29B
118-30A	(7/7) DE 256FS(G)	40	DPR AU FSP	(5/7) 121-21B
118-24A	(7/7) DE 128FS(G)	41	DE 256FS(X)	(7/7) 118-30B
118-32B	(7/7) DE FS	42	DE 128FS(X)	(7/7) 118-24B
118-33B	(7/7) REF VD	43	SS VD	(7/7) 123-1A
118-33A	(7/7) REF HD	44	ADV VD	(7/7) 118-34B
123-1B	(7/7) SS HD	45	AU PLL LOCK	(7/7) 118-35B
118-34A	(7/7) ADV HD	46	TBC VD	(7/7) 101-45A
101-46A	(7/7) TBC HD	47	ANA Ö/E	(7/7) 101-47B, 104-18B
102-43A	(5/7) TBC VPR JP5	48	TBC VD 2	(7/7) 102-44A
102-45A	(5/7) TBC VPR JP7	49	SS CF	(2/7) 123-38A
123-4B	(5/7) L;SS RESET	50	VPR SS JP1	(5/7) 123-38B

CN136

113-17B	INPUT REF VIDEO(X)	1	9 CP-218, 413-1
113-17A	INPUT REF VIDEO(G)	2	8
113-15B	INPUT Y(X)	3	9 CP-218, 413-3
113-15A	INPUT Y(G)	4	8
113-14B	INPUT R-Y(X)	5	9 CP-218, 413-5
113-14A	INPUT R-Y(G)	6	8
113-13B	INPUT B-Y(X)	7	9 CP-218, 413-7
113-13A	INPUT B-Y(G)	8	8

CN135

113-19B	REF CONT 1	1	9 CP-218, 412-1
113-19A	REF CONT 0	2	8 CP-218, 412-2
113-18B	CF SET(X)	3	9 CP-218, 412-3
113-18A	CF SET(G)	4	8
113-9B	OUTPUT VIDEO 1/2(X)	5	9 CP-218, 412-5
113-9A	OUTPUT VIDEO 1/2(G)	6	8
113-8B	OUTPUT VIDEO 3(X)	7	9 CP-218, 412-7
113-8A	OUTPUT VIDEO 3(G)	8	8
113-6B	OUTPUT Y(X)	9	9 CP-218, 412-9
113-6A	OUTPUT Y(G)	10	8
113-5B	OUTPUT R-Y(X)	11	9 CP-218, 412-11
113-5A	OUTPUT R-Y(G)	12	8
113-4B	OUTPUT B-Y(X)	13	9 CP-218, 412-13
113-4A	OUTPUT B-Y(G)	14	8

LOT NO.	BOARD NO.
302-306	1-648-560-11
307-402	1-648-560-12
403-	1-648-560-13

Mother board

MB-441 BOARD (3/6)

BOARD NO. 1-648-560-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :MB-441A MCB
DVW-A500P(EK) :MB-441A MCB
DVW-A500P(UC) :MB-441A MCB
DVW-500 (J, UC) :MB-441 MCB
DVW-500P (EK) :MB-441 MCB
DVW-500P (UC) :MB-441 MCB

CN113
CN114
CN115
CN135
CN136

DVW-MB441-ALL-REC-S/M-05

MB-441 (4/6)

MB-441 BOARD		CONNECTION	
SHEET No.	REF. No.		
(1/6)	CN100	DEC-65	BKDW-505/506
	CN101	TBC-23	DVW-A500/A500P ONLY (MB-441A MCB)
	CN102	TBC-24	
	CN103	DM-89	
	CN104	AP-28	
(2/6)	CN105	CUE-1AP/1A/1	
	CN106	EQ-45A/45	
	CN110	DIF-16	
	CN112		
(3/6)	CN113	VPR-1	
	CN114		
	CN115		
(4/6)	CN116	DPR-36	
	CN117		
	CN118		
(5/6)	CN119	APR-1	
	CN120		
	CN121		
(6/6)	CN122	SS-52A/52	
	CN123		
	CN124		
(5/6)	CN130	RS232C CONNECTOR	
(5/6)	CN131	VIDEO CONTROL CONNECTOR	
(6/6)	CN132	REMOTE 1 IN(9P) CONNECTOR	
	CN133	REMOTE 1 OUT(9P) CONNECTOR	
	CN134	CONTROL PANEL CONNECTOR	
(3/6)	CN135	CP-218	(CN412)
	CN136		(CN413)
(5/6)	CN137	CP-220	(CN404)
(1/6)	CN138	CP-218	(CN414)
	CN139		(CN415)
(2/6)	CN140		(CN402)
(5/6)	CN142	CP-220	(CN400)
	CN143		(CN401)
	CN144		(CN403)
	CN145	VR-152	(CN512)
	CN147	FP-58	(CN500)
(6/6)	CN148	SWC-19	(CN148)
	CN149	HN-181	(CN201)
	CN150	FAN MOTOR(R)	
	CN151	SWITCHING REGULATOR	(CN201)
	CN152		(CN202)
	CN153		(CN206)
	CN154	HN-181	(CN205)
	CN155	NO CONNECTION	
	CN156	SWITCHING REGULATOR	(CN203)
(1/6)	CN160	CN161 OF MB-441	
	CN161	CN160 OF MB-441	

FOR DPR-36 BOARD

CN116

DPR BOARD SHEET No.	A		B	DPR BOARD SHEET No.
(6/7)	GND-2	1	GND-2	(6/7)
(6/7)	GND-2	2	GND-2	(6/7)
(7/7)	NC	3	NC	(7/7)
(3/7)	VIDEO INDEX RDY	4	DT TR JMP	(2/7)
(7/7)	SV 1/2 VD	5	MODE TEST	(3/7)
(1/7)	PAD 0	6	PAD 1	(1/7)
(1/7)	PAD 2	7	PAD 3	(1/7)
(1/7)	PAD 4	8	PAD 5	(1/7)
(1/7)	PAD 6	9	PAD 7	(1/7)
(1/7)	PS 0	10	PS 1	(1/7)
(2/7)	PSTB	11	PCS 0	(1/7)
(1/7)	L;SYS RESET 3.3V	12	ERROR FLAG	(7/7)
(7/7)	SEG SW	13	WNOVR OFF	(2/7)
(7/7)	NC	14	NC	(7/7)
(1/7)	REC CK(G)	15	REC CK(X)	(1/7)
(1/7)	L;PRCD OFF	16	REC PRTY	(1/7)
(1/7)	REC AC D0	17	REC AC D1	(1/7)
(1/7)	REC AC D2	18	REC AC D3	(1/7)
(1/7)	REC BD D0	19	REC BD D1	(1/7)
(1/7)	REC BD D2	20	REC BD D3	(1/7)
(1/7)	L;REC C EN	21	L;REC A EN	(1/7)
(1/7)	L;REC D EN	22	L;REC B EN	(1/7)
(5/7)	ADV AC D0	23	ADV AC D1	(5/7)
(5/7)	ADV AC D2	24	ADV AC D3	(5/7)
(5/7)	ADV AC CK(G)	25	ADV AC CK(X)	(5/7)
(5/7)	ADV BD PRTY	26	ADV AC PRTY	(5/7)
(5/7)	ADV BD D0	27	ADV BD D1	(5/7)
(5/7)	ADV BD D2	28	ADV BD D3	(5/7)
(5/7)	ADV BD CK(G)	29	ADV BD CK(X)	(5/7)
(5/7)	CNF AC D0	30	CNF AC D1	(5/7)
(5/7)	CNF AC D2	31	CNF AC D3	(5/7)
(5/7)	CNF AC CK(G)	32	CNF AC CK(X)	(5/7)
(5/7)	CNF BD PRTY	33	CNF AC PRTY	(5/7)
(5/7)	CNF BD D0	34	CNF BD D1	(5/7)
(5/7)	CNF BD D2	35	CNF BD D3	(5/7)
(5/7)	CNF BD CK(G)	36	CNF BD CK(X)	(5/7)
(1/7)	CRC OUT	37	EQ DPR JP0	(1/7)
(6/7)	DE4NP	38	EQ DPR JP1	(1/7)
(7/7)	NC	39	NC	(7/7)
(7/7)	NC	40	NC	(7/7)
(1/7)	SEG 0	41	SEG 1	(1/7)
(1/7)	SEG 2(FIELD)	42	START PLS	(1/7)
(7/7)	NC	43	NC	(7/7)
(6/7)	REG +15V-2	44	REG +15V-2	(6/7)
(6/7)	REG +15V-2	45	REG +15V-2	(6/7)
(6/7)	REG -15V-2	46	REG -15V-2	(6/7)
(6/7)	REG -15V-2	47	REG -15V-2	(6/7)
(6/7)	GND-2	48	GND-2	(6/7)
(6/7)	GND-2	49	GND-2	(6/7)
(6/7)	GND-2	50	GND-2	(6/7)

FOR DPR-36 BOARD

CN117

DPR BOARD SHEET No.	A		B	DPR BOARD SHEET No.
(6/7)	GND-2	1	GND-2	(6/7)
(3/7)	DPR CK 18(G)	2	DPR CK 18(X)	(3/7)
(6/7)	GND-2	3	GND-2	(6/7)
(7/7)	NC	4	DT TR JUMP	(7/7)
(7/7)	DPR DIF JP0	5	DPR DIF JP1	(7/7)
(7/7)	DPR DIF JP2	6	NC	(7/7)
(5/7)	METRIC ADV AC	7	METRIC ADV BD	(5/7)
(5/7)	METRIC CNF AC	8	METRIC CNF BD	(5/7)
(7/7)	NC	9	MODE PR	(5/7)
(7/7)	NC	10	NC	(7/7)
(6/7)	Y RF ENVELOPE(X)	11	Y RF ENVELOPE(G)	(6/7)
(6/7)	C RF ENVELOPE(X)	12	C RF ENVELOPE(G)	(6/7)
(6/7)	GND-2	13	GND-2	(6/7)
(7/7)	NC	14	NC	(7/7)
(7/7)	NC	15	GND-2	(6/7)
(6/7)	CNF AC ENV	16	CNF BD ENV	(6/7)
(6/7)	ADV AC ENV	17	ADV BD ENV	(6/7)
(7/7)	NC	18	GND-2	(6/7)
(6/7)	PB SAT REC AC	19	EQ GND1	(6/7)
(6/7)	PB SAT REC BD	20	EQ GND2	(6/7)
(1/7)	REC AU ID0	21	REC AU ID1	(1/7)
(1/7)	REC AU ID2	22	NC	(7/7)
(6/7)	GND-2	23	NC	(7/7)
(7/7)	DT SEG 0	24	DT SEG 1	(7/7)
(7/7)	DT 2F	25	SYNC PLS	(7/7)
(3/7)	PP SV-REF	26	NC	(7/7)
(6/7)	H;SV LOCK	27	DIRECTION	(2/7)
(7/7)	PB 2F	28	PB 4F	(7/7)
(7/7)	PB 8F	29	CAP 8FG	(2/7)
(5/7)	5F INERTIA	30	DT JUMP	(2/7)
(5/7)	REC AC SEL	31	REC BD SEL	(5/7)
(5/7)	CNF AC SEL	32	CNF BD SEL	(5/7)
(5/7)	ADV AC SEL	33	ADV BD SEL	(5/7)
(1/7)	L;B-CAM 3.3V	34	NC	(7/7)
(7/7)	NC	35	NC	(7/7)
(3/7)	DPR CK 27(G)	36	DPR CK 27(X)	(3/7)
(1/7)	REC DATA 0	37	REC DATA 1	(1/7)
(1/7)	REC DATA 2	38	REC DATA 3	(1/7)
(1/7)	REC DATA 4	39	REC DATA 5	(1/7)
(1/7)	REC DATA 6	40	REC DATA 7	(1/7)
(1/7)	REC DATA 8	41	REC DATA 9	(1/7)
(1/7)	REC HD	42	REC VD	(1/7)
(1/7)	REC CF INFO	43	REC PARITY	(1/7)
(1/7)	REC GND	44	REC GND	(1/7)
(7/7)	NC	45	NC	(7/7)
(7/7)	SIF T 5/6	46	SIF T 7/8	(7/7)
(7/7)	SIF R 5/6	47	SIF R 7/8	(7/7)
(7/7)	SIF MUTE 5	48	SIF MUTE 6	(7/7)
(7/7)	SIF MUTE 7	49	SIF MUTE 8	(7/7)
(6/7)	GND-2	50	GND-2	(6/7)

FOR DPR-36 BOARD

CN118

DPR BOARD SHEET No.	A		B	DPR BOARD SHEET No.
(6/7)	GND-2	1	GND-2	(6/7)
(6/7)	GND-2	2	GND-2	(6/7)
(6/7)	GND-2	3	GND-2	(6/7)
(6/7)	REG +8V-2	4	REG +8V-2	(6/7)
(6/7)	REG +8V-2	5	REG +8V-2	(6/7)
(6/7)	REG -8V-2	6	REG -8V-2	(6/7)
(6/7)	REG -8V-2	7	REG -8V-2	(6/7)
(6/7)	REG +5V-2	8	REG +5V-2	(6/7)
(6/7)	REG +5V-2	9	REG +5V-2	(6/7)
(6/7)	REG +3.3V-2	10	REG +3.3V-2	(6/7)
(6/7)	REG +3.3V-2	11	REG +3.3V-2	(6/7)
(6/7)	REG +3.3V-2	12	REG +3.3V-2	(6/7)
(6/7)	REG +3.3V-2	13	REG +3.3V-2	(6/7)
(3/7)	PB DATA 1	14	PB DATA 0	(3/7)
(3/7)	PB DATA 3	15	PB DATA 2	(3/7)
(3/7)	PB DATA 5	16	PB DATA 4	(3/7)
(3/7)	PB DATA 7	17	PB DATA 6	(3/7)
(3/7)	PB DATA 9	18	PB DATA 8	(3/7)
(3/7)	PB VD	19	PB HD	(3/7)
(3/7)	PB PARITY	20	PB CF INFO	(3/7)
(3/7)	PB GND	21	PB GND	(3/7)
(6/7)	GND-2	22	GND-2	(6/7)
(1/7)	DPR CK 13.5(X)	23	DPR CK 13.5(G)	(1/7)
(1/7)	DE 128FS(X)	24	DE 128FS(G)	(1/7)
(3/7)	AUDIO VD	25	H PITCH COR	(3/7)
(3/7)	DPR AU 64FSO	26	DPR VPR JP2	(1/7)
(1/7)	DPR AU 256FSO(X)	27	DPR AU 256FSO(G)	(1/7)
(1/7)	DPR 256FSOP(X)	28	DPR 256FSOP(G)	(1/7)
(3/7)	DPR AU 256FSP(X)	29	DPR AU 256FSP(G)	(3/7)
(1/7)	DE 256FS(X)	30	DE 256FS(G)	(1/7)
(1/7)	DPR FSOP	31	DPR AU FSO	(1/7)
(1/7)	DE FS	32	DPR AU FSP	(3/7)
(3/7)	REF VD	33	REF HD	(3/7)
(3/7)	ADV VD	34	ADV HD	(3/7)
(2/7)	AU PLL LOCK	35	DPR CF0	(3/7)
(2/7)	DA T 1/2	36	AD R 1/2	(2/7)
(2/7)	DA T 3/4	37	AD R 3/4	(2/7)
(2/7)	AES T 1/2	38	AES R 1/2	(2/7)
(2/7)	AES T 3/4	39	AES R 3/4	(2/7)
(3/7)	MON L/R	40	AES MUTE 1/2	(2/7)
(2/7)	AU SR CS	41	AES MUTE 3/4	(3/7)
(2/7)	AU SR CLOCK	42	AU SR START	(2/7)
(2/7)	AU SR IN	43	AU SR OUT	(2/7)
(3/7)	APR JP0	44	L;POWER ON PULSE	(2/7)
(3/7)	APR JP2	45	APR JP1	(3/7)
(2/7)	SIF T 3/4	46	SIF T 1/2	(2/7)
(2/7)	SIF R 3/4	47	SIF R 1/2	(2/7)
(2/7)	SIF MUTE 2	48	SIF MUTE 1	(2/7)
(2/7)	SIF MUTE 4	49	SIF MUTE 3	(2/7)
(6/7)	GND-2	50	GND-2	(6/7)

LOT NO.	BOARD NO.
302-306	1-648-560-11
307-402	1-648-560-12
403-	1-648-560-13

Mother board

MB-441 BOARD (4/6)

BOARD NO. 1-648-560-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :MB-441A MCB
DVW-A500P(EK) :MB-441A MCB
DVW-A500P(UC) :MB-441A MCB
DVW-500 (J, UC) :MB-441 MCB
DVW-500P (EK) :MB-441 MCB
DVW-500P (UC) :MB-441 MCB

DVW-MB441-ALL-REC-S/M-05

CN116
CN117
CN118

MB-441 (5/6)

MB-441 BOARD		CONNECTION	
SHEET No.	REF. No.		
(1/6)	CN100	DEC-65	BKDW-505/506
	CN101	TBC-23	DVW-A500/A500P ONLY (MB-441A MCB)
	CN102	TBC-24	
	CN103	DM-89	
	CN104	AP-28	
(2/6)	CN105	CUE-1AP/1A/1	
	CN106	EQ-45A/45	
	CN110 CN112	DIF-16	
(3/6)	CN113 CN114 CN115	VPR-1	
(4/6)	CN116 CN117 CN118	DPR-36	
(5/6)	CN119 CN120 CN121	APR-1	
(6/6)	CN122 CN123 CN124	SS-52A/52	
	CN130	RS232C CONNECTOR	
(5/6)	CN131	VIDEO CONTROL CONNECTOR	
(6/6)	CN132	REMOTE 1 IN(9P) CONNECTOR	
	CN133	REMOTE 1 OUT(9P) CONNECTOR	
	CN134	CONTROL PANEL CONNECTOR	
(3/6)	CN135	CP-218	(CN412)
	CN136		(CN413)
(5/6)	CN137	CP-220	(CN404)
(1/6)	CN138	CP-218	(CN414)
	CN139		(CN415)
(2/6)	CN140	CP-220	(CN402)
(5/6)	CN142		(CN400)
	CN143		(CN401)
	CN144		(CN403)
	CN145	VR-152	(CN512)
	CN147	FP-58	(CN500)
(6/6)	CN148	SWC-19	(CN148)
	CN149	HN-181	(CN201)
	CN150	FAN MOTOR(R)	
	CN151 CN152 CN153	SWITCHING REGULATOR	(CN201) (CN202) (CN206)
	CN154	HN-181	(CN205)
	CN155	NO CONNECTION	
	CN156	SWITCHING REGULATOR	(CN203)
(1/6)	CN160	CN161 OF MB-441	
	CN161	CN160 OF MB-441	

FOR APR-1 BOARD

CN119

APR BOARD SHEET No.	A		B		APR BOARD SHEET No.
142-2	(1/9)	CH-1 IN(X)	1	CH-1 IN(Y)	(1/9) 142-3
142-4	(1/9)	CH-1 IN(G)	2	CH-1 IN(G)	(1/9) 142-4
142-5	(1/9)	CH-2 IN(X)	3	CH-2 IN(Y)	(1/9) 142-6
142-7	(1/9)	CH-2 IN(G)	4	CH-2 IN(G)	(1/9) 142-7
142-8	(2/9)	CH-3 IN(X)	5	CH-3 IN(Y)	(2/9) 142-9
142-10	(2/9)	CH-3 IN(G)	6	CH-3 IN(G)	(2/9) 142-10
142-11	(2/9)	CH-4 IN(X)	7	CH-4 IN(Y)	(2/9) 142-12
142-13	(2/9)	CH-4 IN(G)	8	CH-4 IN(G)	(2/9) 142-13
	(9/9)	NC	9	NC	(9/9)
	(9/9)	NC	10	NC	(9/9)
	(9/9)	NC	11	NC	(9/9)
	(9/9)	NC	12	NC	(9/9)
	(9/9)	NC	13	NC	(9/9)
	(9/9)	NC	14	NC	(9/9)
	(9/9)	NC	15	NC	(9/9)
	(9/9)	NC	16	NC	(9/9)
104-47A	(1/9)	B PB CH-1(X)	17	B PB CH-1(X)	(1/9) 104-47A
104-47B	(1/9)	B PB CH-1(G)	18	B PB CH-1(G)	(1/9) 104-47B
104-49A	(1/9)	B PB CH-2(X)	19	B PB CH-2(X)	(1/9) 104-49A
104-49B	(1/9)	B PB CH-2(G)	20	B PB CH-2(G)	(1/9) 104-49B
104-51A	(2/9)	B PB CH-3(X)	21	B PB CH-3(X)	(2/9) 104-51A
104-51B	(2/9)	B PB CH-3(G)	22	B PB CH-3(G)	(2/9) 104-51B
104-53A	(2/9)	B PB CH-4(X)	23	B PB CH-4(X)	(2/9) 104-53A
104-53B	(2/9)	B PB CH-4(G)	24	B PB CH-4(G)	(2/9) 104-53B
	(9/9)	NC	25	NC	(9/9)
143-1	(3/9)	CH-1 OUT(X)	26	CH-1 OUT(Y)	(3/9) 143-2
143-3	(3/9)	CH-1 OUT(G)	27	CH-1 OUT(G)	(3/9) 143-3
143-4	(3/9)	CH-2 OUT(X)	28	CH-2 OUT(Y)	(3/9) 143-5
143-6	(3/9)	CH-2 OUT(G)	29	CH-2 OUT(G)	(3/9) 143-6
143-7	(4/9)	CH-3 OUT(X)	30	CH-3 OUT(Y)	(4/9) 143-8
143-9	(4/9)	CH-3 OUT(G)	31	CH-3 OUT(G)	(4/9) 143-9
143-10	(4/9)	CH-4 OUT(X)	32	CH-4 OUT(Y)	(4/9) 143-11
143-12	(4/9)	CH-4 OUT(G)	33	CH-4 OUT(G)	(4/9) 143-12
144-1	(5/9)	MONITOR L OUT(X)	34	MONITOR L OUT(Y)	(5/9) 144-2
144-3	(5/9)	MONITOR L OUT(G)	35	MONITOR L OUT(G)	(5/9) 144-3
144-4	(5/9)	MONITOR R OUT(X)	36	MONITOR R OUT(Y)	(5/9) 144-5
144-6	(5/9)	MONITOR R OUT(G)	37	MONITOR R OUT(G)	(5/9) 144-6
137-1	(1/9)	CH-1 MIC ON/OFF	38	CH-2 MIC ON/OFF	(1/9) 137-2
137-3	(2/9)	CH-3 MIC ON/OFF	39	CH-4 MIC ON/OFF	(2/9) 137-4
105-35A	(5/9)	CUE MONITOR(X)	40	CUE MONITOR(X)	(5/9) 105-35A
105-35B	(5/9)	CUE MONITOR(G)	41	CUE MONITOR(G)	(5/9) 105-35B
	(9/9)	NC	42	NC	(9/9)
	(9/9)	NC	43	NC	(9/9)
15V-2	(8/9)	REG +15V-2	44	REG +15V-2	(8/9) 15V-2
	(8/9)	REG +15V-2	45	REG +15V-2	(8/9)
-15V-2	(8/9)	REG -15V-2	46	REG -15V-2	(8/9) -15V-2
	(8/9)	REG -15V-2	47	REG -15V-2	(8/9)
2-H	(8/9)	GND-2	48	GND-2	(8/9) 2-H
	(8/9)	GND-2	49	GND-2	(8/9)
	(8/9)	GND-2	50	GND-2	(8/9)

FOR APR-1 BOARD

CN120

APR BOARD SHEET No.	A		B		APR BOARD SHEET No.
	(9/9)	NC	1	NC	(9/9)
	(9/9)	NC	2	NC	(9/9)
	(9/9)	NC	3	NC	(9/9)
	(9/9)	NC	4	NC	(9/9)
	(9/9)	NC	5	NC	(9/9)
	(9/9)	NC	6	NC	(9/9)
	(9/9)	NC	7	NC	(9/9)
	(9/9)	NC	8	NC	(9/9)
	(9/9)	NC	9	NC	(9/9)
	(9/9)	NC	10	NC	(9/9)
	(9/9)	NC	11	NC	(9/9)
	(9/9)	NC	12	NC	(9/9)
	(9/9)	NC	13	NC	(9/9)
	(9/9)	NC	14	NC	(9/9)
	(9/9)	NC	15	NC	(9/9)
	(9/9)	NC	16	NC	(9/9)
	(9/9)	NC	17	NC	(9/9)
	(9/9)	NC	18	NC	(9/9)
	(9/9)	NC	19	NC	(9/9)
	(9/9)	NC	20	NC	(9/9)
	(9/9)	NC	21	NC	(9/9)
	(9/9)	NC	22	NC	(9/9)
	(9/9)	NC	23	NC	(9/9)
	(9/9)	NC	24	NC	(9/9)
NC	(7/9)	SW1	25	SW1	(7/9) NC
105-19A	(9/9)	CUE JP0	26	CUE JP1	(9/9) 105-19B
	(9/9)	NC	27	NC	(9/9)
145-1	(5/9)	MONI L(X)	28	MONI L(G)	(5/9) 145-2
145-4	(5/9)	MONI L VAR(G)	29	MONI L VAR(X)	(5/9) 145-3
145-5	(5/9)	MONI R(X)	30	MONI R(G)	(5/9) 145-6
145-8	(5/9)	MONI R VAR(G)	31	MONI R VAR(X)	(5/9) 145-7
	(9/9)	NC	32	NC	(9/9)
147-7	(1/9)	CH-1 REC GAIN	33	CH-2 REC GAIN	(1/9) 147-8
147-9	(2/9)	CH-3 REC GAIN	34	CH-4 REC GAIN	(2/9) 147-10
147-11	(1/9)	REC GAIN GND	35	REC GAIN GND	(1/9) 147-11
105-33A	(7/9)	CUE PEAK SIGNAL	36	H;SV LOCK	(9/9) 123-43A
105-43B	(7/9)	CUE TEST	37	L;DT LOCK	(7/9) 123-8B
105-44A	(7/9)	LTC ERASE DET	38	CUE TEST SIG(X)	(8/9) 105-37A
105-45A	(7/9)	FULL ERASE DET	39	CUE ERASE DET	(7/9) 105-45B
105-46A	(7/9)	CUE EE DET	40	CUE BIAS DET	(7/9) 105-46B
105-47A	(7/9)	L;LTC EQ ON	41	CUE OUT DET	(7/9) 105-47B
105-48A	(7/9)	H;CUE ERASE ON	42	H;LTC ERASE ON	(7/9) 105-48B
105-49A	(7/9)	OSC H;OFF/L;ON	43	H;FULL ERASE ON	(7/9) 105-49B
105-50A	(7/9)	LTC H;PB/L;REC	44	H;CUE BIAS ON	(7/9) 105-50B
105-51A	(7/9)	H;LTC HPF ON	45	L;LTC EQ NORM	(7/9) 105-51B
105-52A	(7/9)	H;CUE REC MUTE	46	H;LTC LPF ON	(7/9) 105-52B
105-53A	(7/9)	H;CUE PB MUTE	47	CUE H;PB/L;EE	(7/9) 105-53B
105-54A	(7/9)	CUE H;PB/L;REC	48	H;DIGITAL/L;ANALOG	(7/9) 105-54B, 104-23B
105-55A	(7/9)	H;SLOW EQ ON	49	H;METAL/L;OXIDE	(7/9) 105-55B, 104-24B
105-43A, 147-23	(7/9)	L;POWER ON MUTE	50	H;AUDIO ATT ON	(7/9) 105-56B

CN142

	NC	1	
119-1A	CH-1 IN(X)	2	2 CP-220, 400-12
119-1B	CH-1 IN(Y)	3	9 CP-220, 400-11
119-2A/2B	CH-1 IN(G)	4	0
119-3A	CH-2 IN(X)	5	2 CP-220, 400-9
119-3B	CH-2 IN(Y)	6	9 CP-220, 400-8
119-4A/4B	CH-2 IN(G)	7	0
119-5A	CH-3 IN(X)	8	2 CP-220, 400-6
119-5B	CH-3 IN(Y)	9	9 CP-220, 400-5
119-6A/6B	CH-3 IN(G)	10	0
119-7A	CH-4 IN(X)	11	2 CP-220, 400-3
119-7B	CH-4 IN(Y)	12	9 CP-220, 400-2
119-8A/8B	CH-4 IN(G)	13	0

CN143

119-26A	CH-1 OUT(X)	1	9 CP-220, 401-1
119-26B	CH-1 OUT(Y)	2	2 CP-220, 401-2
119-27A/27B	CH-1 OUT(G)	3	8
119-28A	CH-2 OUT(X)	4	9 CP-220, 401-4
119-28B	CH-2 OUT(Y)	5	2 CP-220, 401-5
119-29A/29B	CH-2 OUT(G)	6	8
119-30A	CH-3 OUT(X)	7	9 CP-220, 401-7
119-30B	CH-3 OUT(Y)	8	2 CP-220, 401-8
119-31A/31B	CH-3 OUT(G)	9	8
119-32A	CH-4 OUT(X)	10	9 CP-220, 401-10
119-32B	CH-4 OUT(Y)	11	2 CP-220, 401-11
119-33A/33B	CH-4 OUT(G)	12	8

CN144

119-34A	MONITOR L OUT(X)	1	9 CP-220, 403-1
119-34B	MONITOR L OUT(Y)	2	2 CP-220, 403-2
119-35A/35B	MONITOR L OUT(G)	3	8
119-36A	MONITOR R OUT(X)	4	9 CP-220, 403-4
119-36B	MONITOR R OUT(Y)	5	2 CP-220, 403-5
119-37A/37B	MONITOR R OUT(G)	6	8
	NC	7	

CN145

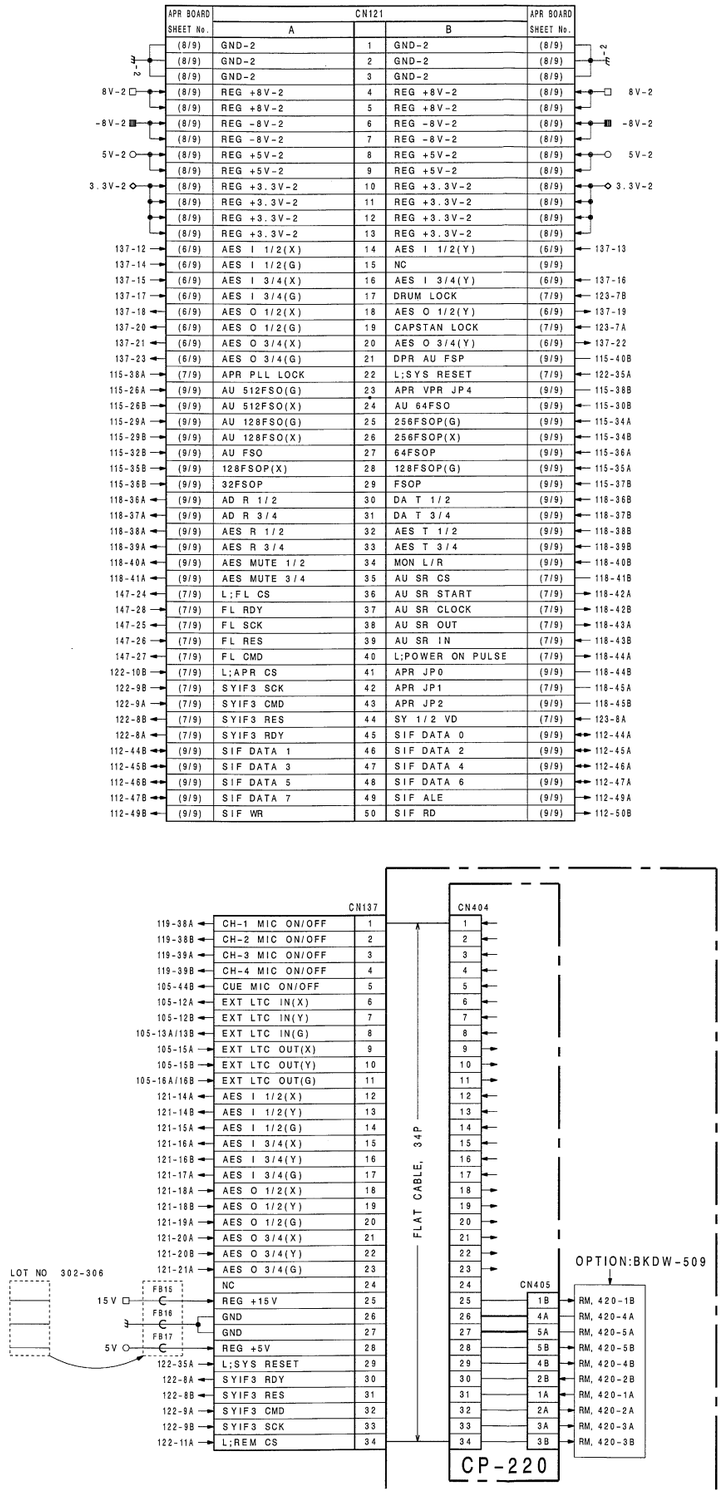
120-28A	MONI L(X)	1	9 VR-152, 512-1
120-28B	MONI L(G)	2	8
120-29B	MONI L VAR(X)	3	9 VR-152, 512-3
120-29A	MONI L VAR(G)	4	8
120-30A	MONI R(X)	5	9 VR-152, 512-5
120-30B	MONI R(G)	6	8
120-31B	MONI R VAR(X)	7	9 VR-152, 512-7
120-31A	MONI R VAR(G)	8	8

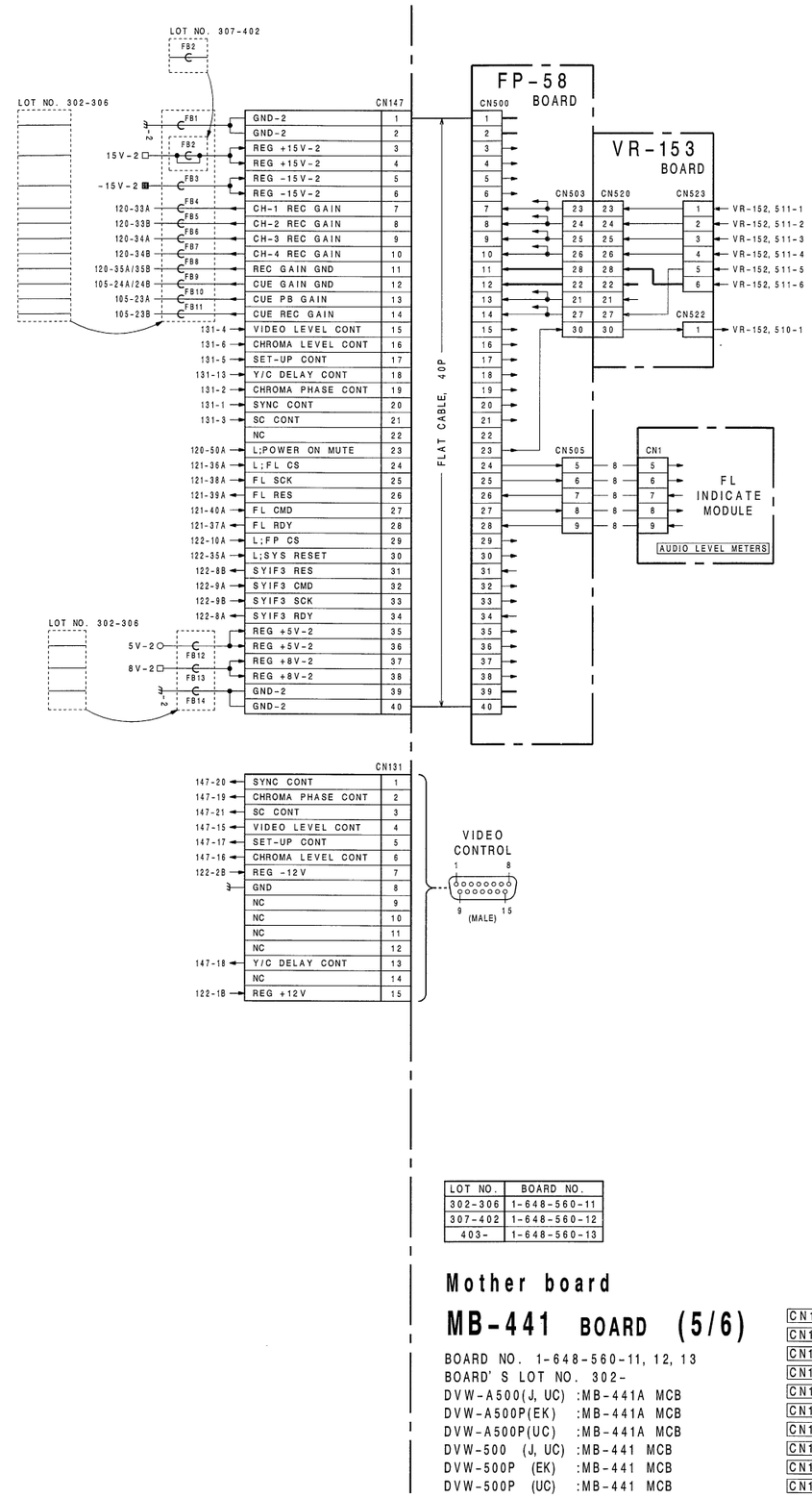
1-188

MB-441 (5/6)

FOR APR-1 BOARD

APR BOARD SHEET No.	CN121 A		CN121 B	APR BOARD SHEET No.
(8/9)	GND-2	1	GND-2	(8/9)
(8/9)	GND-2	2	GND-2	(8/9)
(8/9)	GND-2	3	GND-2	(8/9)
(8/9)	REG +8V-2	4	REG +8V-2	(8/9)
(8/9)	REG +8V-2	5	REG +8V-2	(8/9)
(8/9)	REG -8V-2	6	REG -8V-2	(8/9)
(8/9)	REG -8V-2	7	REG -8V-2	(8/9)
(8/9)	REG +5V-2	8	REG +5V-2	(8/9)
(8/9)	REG +5V-2	9	REG +5V-2	(8/9)
(8/9)	REG +3.3V-2	10	REG +3.3V-2	(8/9)
(8/9)	REG +3.3V-2	11	REG +3.3V-2	(8/9)
(8/9)	REG +3.3V-2	12	REG +3.3V-2	(8/9)
(8/9)	REG +3.3V-2	13	REG +3.3V-2	(8/9)
(6/9)	AES I 1/2(X)	14	AES I 1/2(Y)	(6/9)
(6/9)	AES I 1/2(G)	15	NC	(9/9)
(6/9)	AES I 3/4(X)	16	AES I 3/4(Y)	(6/9)
(6/9)	AES I 3/4(G)	17	DRUM LOCK	(7/9)
(6/9)	AES O 1/2(X)	18	AES O 1/2(Y)	(6/9)
(6/9)	AES O 1/2(G)	19	CAPSTAN LOCK	(7/9)
(6/9)	AES O 3/4(X)	20	AES O 3/4(Y)	(6/9)
(6/9)	AES O 3/4(G)	21	DPR AU FSP	(9/9)
(7/9)	APR PLL LOCK	22	L;SYS RESET	(7/9)
(9/9)	AU 512FSO(G)	23	APR VPR JP4	(9/9)
(9/9)	AU 512FSO(X)	24	AU 64FSO	(9/9)
(9/9)	AU 128FSO(G)	25	256FSOP(G)	(9/9)
(9/9)	AU 128FSO(X)	26	256FSOP(X)	(9/9)
(9/9)	AU FSO	27	64FSOP	(9/9)
(9/9)	128FSOP(X)	28	128FSOP(G)	(9/9)
(9/9)	32FSOP	29	FSOP	(9/9)
(9/9)	AD R 1/2	30	DA T 1/2	(9/9)
(9/9)	AD R 3/4	31	DA T 3/4	(9/9)
(9/9)	AES R 1/2	32	AES T 1/2	(9/9)
(9/9)	AES R 3/4	33	AES T 3/4	(9/9)
(9/9)	AES MUTE 1/2	34	MON L/R	(9/9)
(9/9)	AES MUTE 3/4	35	AU SR CS	(7/9)
(7/9)	L;FL CS	36	AU SR START	(7/9)
(7/9)	FL RDY	37	AU SR CLOCK	(7/9)
(7/9)	FL SCK	38	AU SR OUT	(7/9)
(7/9)	FL RES	39	AU SR IN	(7/9)
(7/9)	FL CMD	40	L;POWER ON PULSE	(7/9)
(7/9)	L;APR CS	41	APR JP0	(9/9)
(7/9)	SYIF3 SCK	42	APR JP1	(7/9)
(7/9)	SYIF3 CMD	43	APR JP2	(9/9)
(7/9)	SYIF3 RES	44	SY 1/2 VD	(7/9)
(7/9)	SYIF3 RDY	45	SIF DATA 0	(9/9)
(9/9)	SIF DATA 1	46	SIF DATA 2	(9/9)
(9/9)	SIF DATA 3	47	SIF DATA 4	(9/9)
(9/9)	SIF DATA 5	48	SIF DATA 6	(9/9)
(9/9)	SIF DATA 7	49	SIF ALE	(9/9)
(9/9)	SIF WR	50	SIF RD	(9/9)





LOT NO.	BOARD NO.
302-306	1-648-560-11
307-402	1-648-560-12
403-	1-648-560-13

Mother board

MB-441 BOARD (5/6)

BOARD NO. 1-648-560-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :MB-441A MCB
DVW-A500P(EK) :MB-441A MCB
DVW-A500P(UC) :MB-441A MCB
DVW-500 (J, UC) :MB-441 MCB
DVW-500P (EK) :MB-441 MCB
DVW-500P (UC) :MB-441 MCB

CN119
CN120
CN121
CN131
CN137
CN142
CN143
CN144
CN145
CN147

DVW-MB441-ALL-REC-S/M-04

MB-441 (6/6)

MB-441 BOARD SHEET No.	REF. No.	CONNECTION	
(1/6)	CN100	DEC-65	BKDW-505/506
	CN101	TBC-23	DVW-A500/A500P ONLY (MB-441A MCB)
	CN102	TBC-24	
	CN103	DM-89	
	CN104	AP-28	
(2/6)	CN105	CUE-1AP/1A/1	
	CN106	EQ-45A/45	
	CN110 CN112	DIF-16	
(3/6)	CN113 CN114 CN115	VPR-1	
(4/6)	CN116 CN117 CN118	DPR-36	
(5/6)	CN119 CN120 CN121	APR-1	
(6/6)	CN122 CN123 CN124	SS-52A/52	
	CN130	RS232C CONNECTOR	
(5/6)	CN131	VIDEO CONTROL CONNECTOR	
(6/6)	CN132	REMOTE 1 IN(9P) CONNECTOR	
	CN133	REMOTE 1 OUT(9P) CONNECTOR	
	CN134	CONTROL PANEL CONNECTOR	
(3/6)	CN135 CN136	CP-218	(CN412) (CN413)
(5/6)	CN137	CP-220	(CN404)
(1/6)	CN138 CN139	CP-218	(CN414) (CN415)
(2/6)	CN140	CP-220	(CN402) (CN400) (CN401) (CN403)
(5/6)	CN142 CN143 CN144		
	CN145	VR-152	(CN512)
	CN147	FP-58	(CN500)
(6/6)	CN148	SWC-19	(CN148)
	CN149	HN-181	(CN201)
	CN150	FAN MOTOR(R)	
	CN151 CN152 CN153	SWITCHING REGULATOR	(CN201) (CN202) (CN206)
	CN154	HN-181	(CN205)
	CN155	NO CONNECTION	
	CN156	SWITCHING REGULATOR	(CN203)
(1/6)	CN160	CN161 OF MB-441	
	CN161	CN160 OF MB-441	

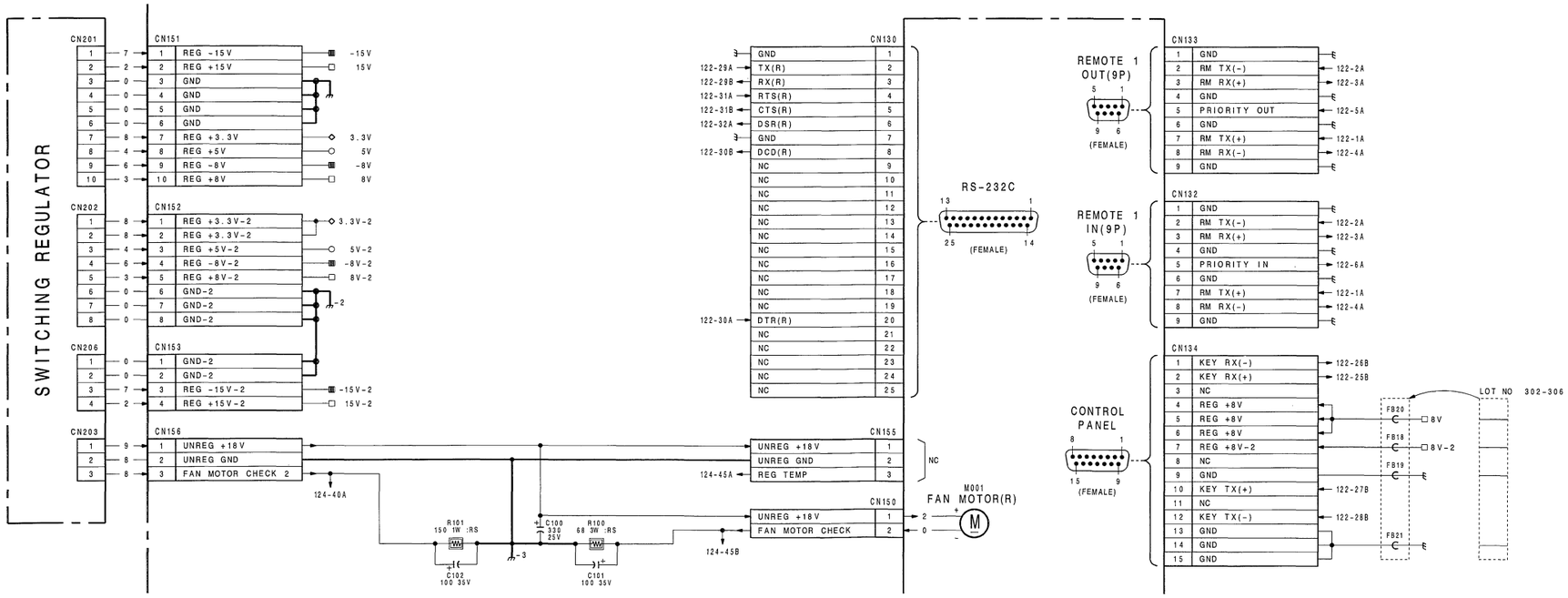
FOR SS-52A/52 BOARD

SS BOARD SHEET No.	CN122 A		CN122 B	SS BOARD SHEET No.
132-7, 133-7	(5/12) RM TX(+)	1	REG +12V	(2/12) 131-15
132-2, 133-2	(5/12) RM TX(-)	2	REG -12V	(2/12) 131-7
132-3, 133-3	(5/12) RM RX(+)	3	METRIC ADV BD	(1/12) 106-32A
132-8, 133-8	(5/12) RM RX(-)	4	METRIC ADV AC	(1/12) 106-32B
133-5	(5/12) PRIORITY OUT	5	METRIC CNF BD	(1/12) 106-33A
132-5	(5/12) PRIORITY IN	6	METRIC CNF AC	(1/12) 106-33B
116-5B	(3/12) MODE TEST	7	WNOVR OFF	(3/12) 116-13B
121-45A, 137-30, 147-34, 148-16	(3/12) SYIF3 RDY	8	SYIF3 RES	(3/12) 148-18 121-44A, 137-31, 147-31
121-43A, 131-32, 147-32, 148-19	(3/12) SYIF3 CMD	9	SYIF3 SCK	(3/12) 148-17 121-42A, 137-33, 147-33
147-29	(3/12) L;FP CS	10	L;APR CS	(3/12) 121-41A
137-34	(3/12) L;REM CS	11	L;HM CS	(3/12) 148-15
101-43B, 103-52B, 114-47A	(3/12) SYIF2 RDY	12	SYIF2 RES	(3/12) 101-44A, 103-52A, 114-47B
101-42A, 103-51B, 114-48A	(3/12) SYIF2 CMD	13	SYIF2 SCK	(3/12) 101-43A, 103-51A, 114-48B
114-49A	(3/12) L;VPR CS	14	L;TBC CS	(3/12) 101-42B
NC	(1/12) PP CS	15	L;DM CS	(3/12) 103-53A
NC	(1/12) SCS 0	16	SCS 1	(1/12) NC
106-18B	(1/12) SYIF1 CMD	17	SYIF1 SCK	(1/12) 106-17B
106-17A	(1/12) EQ STB1	18	EQ STB2	(1/12) 106-18A
106-19A	(1/12) EQ STB3	19	VIDEO INDEX RDY	(3/12) 116-4A
116-6A	(3/12) PAD 0	20	PAD 1	(3/12) 116-6B
116-7A	(3/12) PAD 2	21	PAD 3	(3/12) 116-7B
116-8A	(3/12) PAD 4	22	PAD 5	(3/12) 116-8B
116-9A	(3/12) PAD 6	23	PAD 7	(3/12) 116-9B
116-10A	(3/12) PS 0	24	PS 1	(3/12) 116-10B
116-11A	(3/12) PSTB	25	KEY RX(+)	(5/12) 134-2, 148-9
116-11B	(3/12) PCS 0	26	KEY RX(-)	(5/12) 134-1, 148-10
	(1/12) NC	27	KEY TX(+)	(5/12) 134-10, 148-7
	(1/12) NC	28	KEY TX(-)	(5/12) 134-12, 148-8
130-2	(2/12) TX(R)	29	RX(R)	(2/12) 130-3
130-20	(2/12) DTR(R)	30	DCD(R)	(2/12) 130-8
130-4	(2/12) RTS(R)	31	CTS(R)	(2/12) 130-5
130-6	(2/12) DSR(R)	32	SEG SW	(3/12) 116-13A
112-21A	(8/12) DIF SS CSIT/COMP	33	DIF SS 4FSC(G)	(1/12) 110-13B
110-12B	(1/12) DIF SS 4FSC(X)	34	L;SYS RESET 3.3V	(3/12) 106-11A, 116-12A
101-44B, 103-53B, 121-22B 137-29, 147-30	(1/12) L;SYS RESET	35	ERROR FLAG	(7/12) 116-12B
106-22B	(3/12) SVCNT ERR	36	L;B-CAM SEL	(3/12) 106-19B
106-26B	(3/12) PRTY ERR	37	L;SYSTEM EE1	(3/12) 106-7A
106-24B	(3/12) PRTY CLR	38	L;SYSTEM EE2	(3/12) 106-9A
NC	(3/12) PA3	39	H;REC LOCK OUT	(3/12) 106-20B
117-9B	(3/12) MODE PR	40	H;REV/L;FWD	(3/12) 106-16A
112-17A	(3/12) L;DIF CHA CS	41	DIF CHA CK	(3/12) 112-17B
112-18A	(3/12) DIF CHA DT	42	S CHARA SIG(X)	(4/12) 112-18B
112-19A	(4/12) S CHARA FRAME	43	S CHARA SIG(G)	(4/12) 112-19B
15V-2	(6/12) REG +15V-2	44	REG +15V-2	(6/12) 15V-2
	(3/12) REG +15V-2	45	REG +15V-2	(3/12)
-15V-2	(6/12) REG -15V-2	46	REG -15V-2	(6/12) -15V-2
	(3/12) REG -15V-2	47	REG -15V-2	(3/12)
2	(6/12) GND-2	48	GND-2	(6/12) 2
	(6/12) GND-2	49	GND-2	(6/12)
	(6/12) GND-2	50	GND-2	(6/12)

FOR SS-52A/52 BOARD

SS BOARD SHEET No.	CN123 A		CN123 B	SS BOARD SHEET No.
115-43B	(3/12) SS VD	1	SS HD	(3/12) 115-45A
113-28, 112-20B	(4/12) CHARA FRAME	2	CHARA SIG(X)	(4/12) 113-2A
115-22B	(3/12) SS CK 13.5(X)	3	CHARA SIG(G)	(4/12) 113-3B
115-22A	(3/12) SS CK 13.5(G)	4	L;SS RESET	(1/12) 115-50A
105-10B	(4/12) PB LTC	5	LTC SOURCE	(4/12) 105-11A
105-10A	(4/12) REC LTC	6	LTC OUT	(4/12) 105-17A
121-19B	(8/12) CAPSTAN LOCK	7	DRUM LOCK	(8/12) 121-17B
121-44B	(7/12) SY 1/2 VD	8	L;DT LOCK	(9/12) 120-37B
102-12B	(10/12) Y WZ	9	C WZ	(10/12) 102-36B
102-42A	(7/12) Y PB SYNC	10	SERVO V	(7/12) 102-20A, 101-20A
101-21A	(9/12) DT V	11	PB O/E	(10/12) 101-22A
101-23A	(8/12) L;REV/H;FWD	12	L;NOISELESS PB	(8/12) 101-24A, 103-10B, 104-22B
101-25A	(10/12) L;DT	13	JUMP ID1	(9/12) 102-48B, 101-26A
101-30A	(8/12) PB FP1	14	PB FP2	(8/12) 101-31A
102-17B, 103-48A	(5/12) DM TBC SS JP0	15	DM TBC SS JP1	(5/12) 102-31A, 103-49A
102-18A, 103-48B	(7/12) ADV Y SW PLS	16	ADV C SW PLS	(7/12) 102-30A, 103-49B
103-16A	(7/12) L;Y DO PLS	17	L;C DO PLS	(7/12) 103-16B
103-44B	(8/12) H;FAST SEARCH	18	L;SLOW BID	(8/12) 103-45B
103-44A	(10/12) L;RF Y VBLK	19	L;RF C VBLK	(10/12) 103-45A
103-37A	(6/12) DM SS JP3	20	DM SS JP2	(6/12) 103-36A
103-31A	(9/12) Y RF ENVELOPE(X)	21	Y RF ENVELOPE(G)	(9/12) 103-32A
105-28B	(9/12) ADV AC ENV	22	ADV BD ENV	(9/12) 106-29B
106-34A	(8/12) SAT CK(G)	23	SAT CK(X)	(8/12) 106-34B
	(8/12) GND-2	24	GND-2	(8/12) 2
	(8/12) GND-2	25	PB SAT REC AC	(8/12) 106-21B
3	(8/12) GND-2	26	EQ GND1	(8/12) 117-19B
2	(8/12) GND-2	27	PB SAT REC BD	(8/12) 106-23B
	(8/12) GND-2	28	EQ GND2	(8/12) 117-20B
	(8/12) GND-2	29	PB SAT ADV AC	(8/12) 106-25B
106-14A	(8/12) EQ SS JP1	30	EQ GND3	(8/12) NC
2	(8/12) GND-2	31	PB SAT ADV BD	(8/12) 106-27B
106-14B	(7/12) REC SAT AC	32	EQ GND4	(8/12) NC
2	(8/12) GND-2	33	L;FAST SEARCH	(8/12) 106-16B
106-15B	(7/12) L;SAT AC EN	34	EQ SS JP2	(8/12) 106-15A
106-12B	(7/12) L;FE B EN	35	L;FE A EN	(7/12) 106-12A
102-47B, 106-26A, 103-47A	(7/12) CNF AC FREQ	36	CNF BD FREQ	(7/12) 106-27A
106-24A	(7/12) ADV AC FREQ	37	ADV BD FREQ	(7/12) 106-25A
115-49B	(7/12) SS CF	38	VPR SS JP1	(5/12) 115-40B
116-41A	(7/12) SEG 0	39	SEG 1	(7/12) 116-41B
116-42A	(7/12) SEG 2(FIELD)	40	DT 2F	(7/12) 117-25A
117-24A	(7/12) DT SEG 0	41	DT SEG 1	(7/12) 117-24B
117-25B	(7/12) SYNC PLS	42	PP SV-REF	(7/12) 117-26A
102-49B, 104-21B, 117-27A, 120-36B	(8/12) H;SV LOCK	43	DIRECTION	(7/12) 117-27B
117-28A	(7/12) PB 2F	44	PB 4F	(7/12) 117-28B
117-29A	(7/12) PB 8F	45	CAP 8FG	(7/12) 117-29B
117-30A	(7/12) 5F INERTIA	46	DT JUMP	(7/12) 117-30B
106-13B, 117-31A	(7/12) REC AC SEL	47	REC BD SEL	(7/12) 106-13A, 117-31B
106-22A, 117-32A	(7/12) CNF AC SEL	48	CNF BD SEL	(7/12) 106-23A, 117-32B
106-20A, 117-33A	(7/12) ADV AC SEL	49	ADV BD SEL	(7/12) 106-21A, 117-33B
117-34A	(7/12) L;B-CAM 3.3V	50	START PLS	(8/12) 116-42B

LOT NO. 302-402 ONLY
101-24A, 104-22B



1-190

MB-441 (6/6)

FOR SS-52A/52 BOARD

SS BOARD SHEET No.	CN124 A		CN124 B	SS BOARD SHEET No.
(6/12)	GND-2	1	GND-2	(6/12)
(6/12)	GND-2	2	GND-2	(6/12)
(6/12)	GND-2	3	GND-2	(6/12)
8V-2	REG +8V-2	4	REG +8V-2	8V-2
(6/12)	REG +8V-2	5	REG +8V-2	(6/12)
-8V-2	REG -8V-2	6	REG -8V-2	-8V-2
(6/12)	REG -8V-2	7	REG -8V-2	(6/12)
5V-2	REG +5V-2	8	REG +5V-2	5V-2
(6/12)	REG +5V-2	9	REG +5V-2	(6/12)
3.3V-2	REG +3.3V-2	10	REG +3.3V-2	3.3V-2
(6/12)	REG +3.3V-2	11	REG +3.3V-2	(6/12)
(6/12)	REG +3.3V-2	12	REG +3.3V-2	(6/12)
(6/12)	REG +3.3V-2	13	REG +3.3V-2	(6/12)
116-38A	DE4NP	14	NC	(6/12)
146-7	TAPE BEGIN	15	TAPE END	146-8
146-9	CTL SIG	16	SWITCHED CTL	146-10
146-11	H;CTL REC	17	SC RDY	146-58
146-13	SHAPED THREADING FG	18	REC CTL	146-14
146-15	CAPSTAN FG(A) NORM	19	CAPSTAN FG(B) NORM	146-16
146-17	CAPSTAN FG(A)	20	CAPSTAN FG(B)	146-18
146-19	SHAPED S REEL FG(A)	21	SHAPED S REEL FG(B)	146-20
146-21	SHAPED T REEL FG(A)	22	SHAPED T REEL FG(B)	146-22
146-23	SYS POWER CONT	23	L;DRUM REC EN	146-24
	NC	24	NC	
146-26	DRUM FG	25	DRUM PG	146-27
	GND-2	26	GND-2	
146-30	DRUM PWM	27	CAPSTAN PWM	146-31
146-32	LOADING PWM	28	GND-2	
146-34	S REEL PWM	29	T REEL PWM	146-35
146-36	L;I/O RESET	30	CTL GAIN	146-37
146-41	S REEL DIR	31	T REEL DIR	146-44
146-45	CAPSTAN DIR	32	SC1	146-3
146-4	SC2	33	SCK	146-5
146-46	DR SS JP2	34	DR SS JP3	146-47
146-48	CAPSTAN CURRENT	35	TENSION SENSOR CUR.	146-49
146-50	S REEL CURRENT	36	T REEL CURRENT	146-51
146-52	CAPSTAN FG(A) ANA	37	CAPSTAN FG(B) ANA	146-53
146-54	S-TENSION	38	T-TENSION	146-55
146-57	L;BUSY	39	CAPSTAN MOTOR DIR	146-59
156-3	FAN MOTOR CHECK 2	40	NC	
102-48A, 103-46B	L;Y PCM MUTE	41	L;C PCM MUTE	103-47B, 102-49A
101-20B	JUMP ID0	42	JUMP ID2	101-27A
103-42B	DM SS JP0	43	DM SS JP1	103-43B
116-4B	DT TR JMP	44	SV 1/2 VD	116-5A
155-3	REG TEMP	45	FAN MOTOR CHECK	150-2
149-1	BIM DRIVE SIG(A)	46	BIM DRIVE SIG(B)	149-2
149-3	BIM DRIVE A	47	BIM DRIVE B	149-4
149-5	MODE SW	48	OFFSET	149-6
149-7	SG A (DIGITAL)	49	SG A (ANALOG)	149-8
149-9	SG B (DIGITAL)	50	SG B (ANALOG)	149-10

SWC-19 BOARD

CN148	CN148		CN580	
REG +8V-2	1	1	15	KY, 590-15
REG +8V-2	2	2	4	KY, 590-4
REG +8V-2	3	3	5	KY-590-5
GND-2	4	4	6	KY, 590-6
GND-2	5	5	1	KY, 590-1
GND-2	6	6	2	KY, 590-2
KEY TX(+)	7	7	3	KY, 590-3
KEY TX(-)	8	8	7	KY, 590-7
KEY RX(+)	9	9	10	KY, 590-10
KEY RX(-)	10	10	8	KY, 590-8
REG +5V-2	11	11	9	KY, 590-9
REG +5V-2	12	12	16	KY, 590-16
GND-2	13	13		
GND-2	14	14		
L;HM CS	15	15		
SYIF3 RDY	16	16		
SYIF3 SCK	17	17		
SYIF3 RES	18	18		
SYIF3 CMD	19	19		
NC	20	20		

(1/2)

CN146		DR-200 BOARD CN302	
GND-2	1	1	(4/4)
NC	2	2	(4/4)
124-32B SC1	3	3	
124-33A SC2	4	4	(1/4)
124-33B SCK	5	5	
NC	6	6	
124-15A TAPE BEGIN	7	7	
124-15B TAPE END	8	8	
124-16A CTL SIG	9	9	(4/4)
124-16B SWITCHED CTL	10	10	
124-17A H;CTL REC	11	11	
NC	12	12	
124-18A SHAPED THREADING FG	13	13	(3/4)
124-18B REC CTL	14	14	(4/4)
124-19A CAPSTAN FG(A) NORM	15	15	
124-19B CAPSTAN FG(B) NORM	16	16	
124-20A CAPSTAN FG(A)	17	17	
124-20B CAPSTAN FG(B)	18	18	(3/4)
124-21A SHAPED S REEL FG(A)	19	19	
124-21B SHAPED S REEL FG(B)	20	20	
124-22A SHAPED T REEL FG(A)	21	21	
124-22B SHAPED T REEL FG(B)	22	22	
124-23A SYS POWER CONT	23	23	(1/4)
124-23B L;DRUM REC EN	24	24	(4/4)
NC	25	25	(4/4)
124-25A DRUM FG	26	26	(1/4)
124-25B DRUM PG	27	27	(1/4)
GND-2	28	28	(4/4)
GND-2	29	29	(4/4)
124-27A DRUM PWM	30	30	(1/4)
124-27B CAPSTAN PWM	31	31	(2/4)
124-28A LOADING PWM	32	32	(2/4)
NC	33	33	(4/4)
124-29A S REEL PWM	34	34	(2/4)
124-29B T REEL PWM	35	35	(2/4)
124-30A L;I/O RESET	36	36	(1/4)
124-30B CTL GAIN	37	37	(4/4)
NC	38	38	
NC	39	39	(4/4)
NC	40	40	
124-31A S REEL DIR	41	41	(2/4)
NC	42	42	(4/4)
NC	43	43	(4/4)
124-31B T REEL DIR	44	44	(2/4)
124-32A CAPSTAN DIR	45	45	(2/4)
124-34A DR SS JP2	46	46	(4/4)
124-34B DR SS JP3	47	47	(4/4)
124-35A CAPSTAN CURRENT	48	48	(2/4)
124-35B TENSION SENSOR CUR.	49	49	(3/4)
124-36A S REEL CURRENT	50	50	(2/4)
124-36B T REEL CURRENT	51	51	(2/4)
124-37A CAPSTAN FG(A) ANA	52	52	
124-37B CAPSTAN FG(B) ANA	53	53	(3/4)
124-38A S-TENSION	54	54	
124-38B T-TENSION	55	55	
NC	56	56	(4/4)
124-39A L;BUSY	57	57	(1/4)
124-17B SC RDY	58	58	(1/4)
124-39B CAPSTAN MOTOR DIR	59	59	(2/4)
GND-2	60	60	(4/4)

FLAT CABLE, 60P

SHEET NUMBER OF DR-200 SCHEMATIC DIAGRAM

CN149		CN201	CN208		CN207	CN207	CN241	
124-46A BIM DRIVE SIG(A)	1	9 1	1	DT, 390-1				
124-46B BIM DRIVE SIG(B)	2	8 2	2	DT, 390-2				
124-47A BIM DRIVE A	3	8 3	3	DT, 390-3				
124-47B BIM DRIVE B	4	8 4	4	DT, 390-4				
124-48A MODE SW	5	8 5	5	DT, 390-5				
124-48B OFFSET	6	8 6			6	6	9	BURSH ASS' Y, 9
124-49A SG A (DIGITAL)	7	8 7			7	7	7	BURSH ASS' Y, 7
124-49B SG A (ANALOG)	8	8 8			8	8	3	BURSH ASS' Y, 3
124-50A SG B (DIGITAL)	9	8 9			9	9	8	BURSH ASS' Y, 8
124-50B SG B (ANALOG)	10	8 10			10	10	4	BURSH ASS' Y, 4
					14	14	TP243(BIM-A)	
					15	15	TP244(BIM-B)	

CN154		CN205	
-15V REG -15V	1	7 1	
15V REG +15V	2	2 2	
GND	3	0 3	
5V REG +5V	4	4 4	
-8V REG -8V	5	6 5	(1/3)
8V REG +8V	6	3 6	

HN-185 BOARD

HN-181 BOARD

LOT NO.	BOARD NO.
302-306	1-648-560-11
307-402	1-648-560-12
403-	1-648-560-13

CN122
CN123
CN124
CN130
CN132
CN133
CN134
CN146
CN148
CN149
CN150-156

Mother board

MB-441 BOARD (6/6)

BOARD NO. 1-648-560-11, 12, 13
BOARD' S LOT NO. 302-
DVW-A500(J, UC) :MB-441A MCB
DVW-A500P(EK) :MB-441A MCB
DVW-A500P(UC) :MB-441A MCB
DVW-500 (J, UC) :MB-441 MCB
DVW-500P (EK) :MB-441 MCB
DVW-500P (UC) :MB-441 MCB

DVW-MB441-ALL-REC-S/M-05

Section 2
Schematic Diagram for Optional Boards

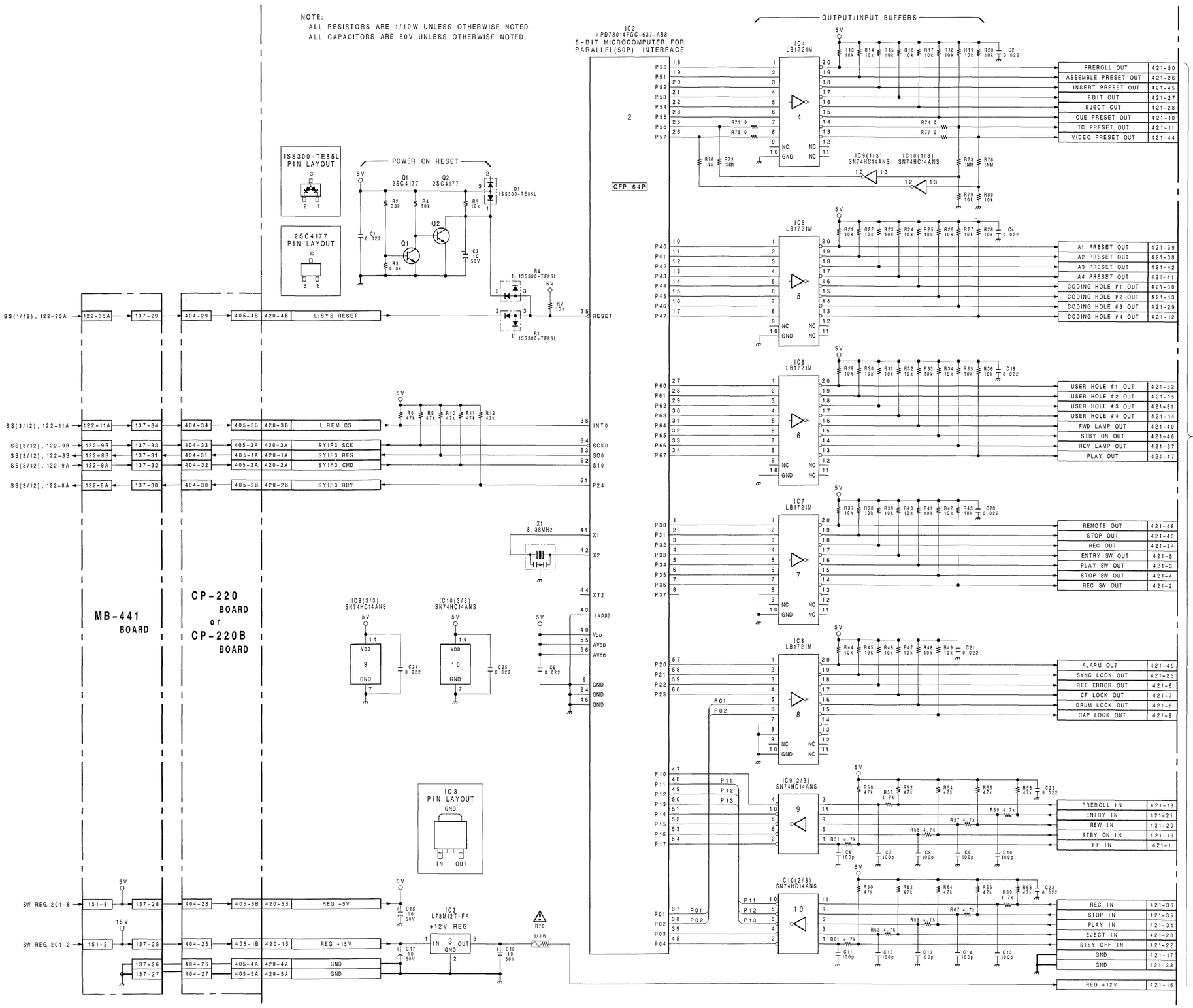
Circuit Function

Model name	Board name	Circuit Function	Page
BKDW-506	DEC-65	Analog composite video decoder (Composite-component conversion, A/D conversion)	2-8
BKDW-507	PP-45	Audio program play	2-4
BKDW-509	RM-130	Parallel (50P) interface	2-3
BKDW-514	KY-231	Panel function control	2-12
	DP-176	Time counter display	
	PTC-69	Search dial sensor, Dial solenoid connection	
BKDW-515	CP-266	Panel control CPU, EL control, PIO, Memory card I/F	2-14
	PTC-69	Search dial sensor, Dial solenoid connection	2-16
	KY-330	Editing operation/tape transport control switches, Memory card connector	2-18
	SW-749	Function control swithes	2-19

Note

The ⚠-marked components are critical to safety.
Replace only with same components as specified.

NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.



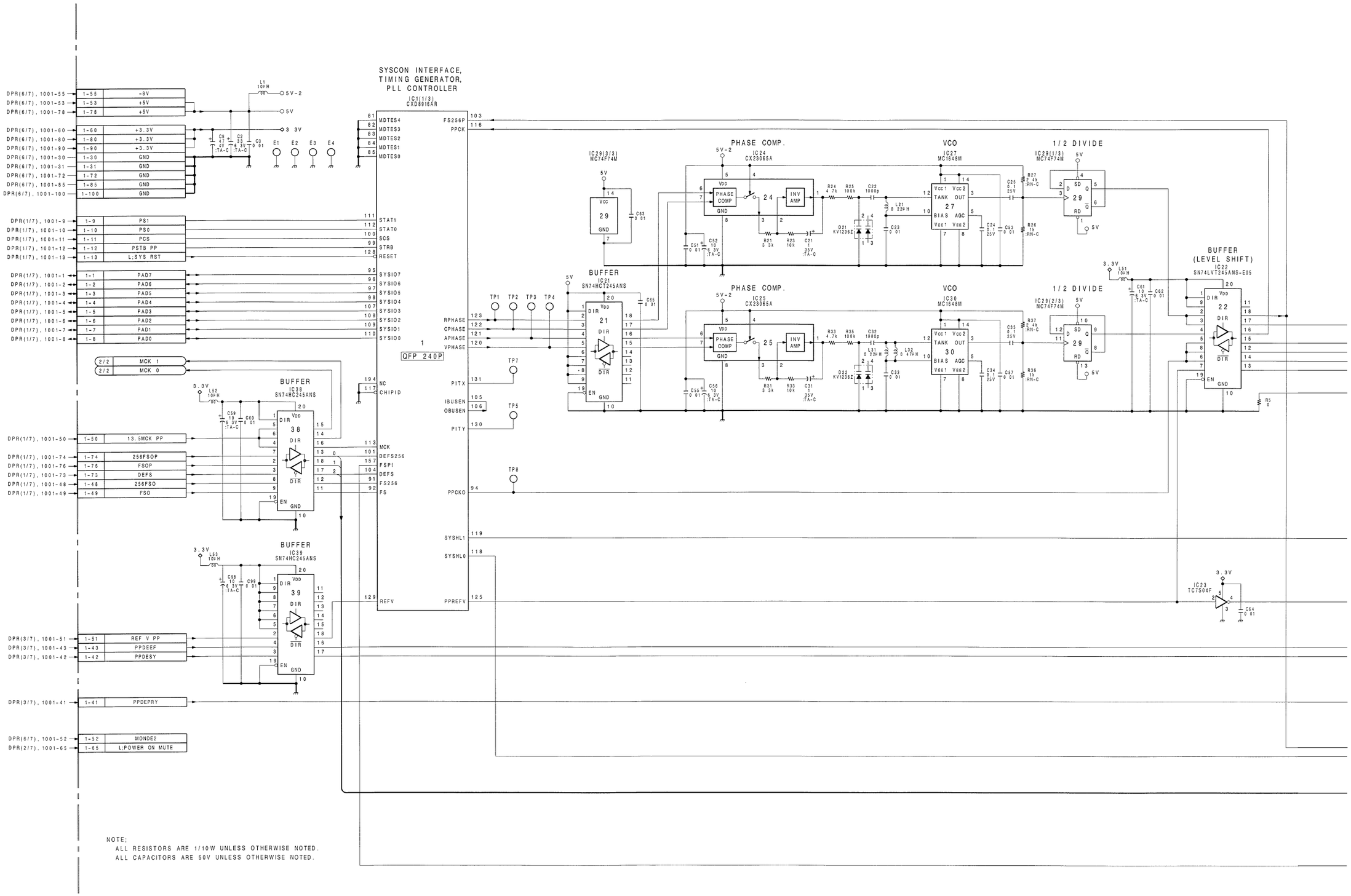
BOARD NO.	SERIAL NO.
1-648-558-11	#10001-

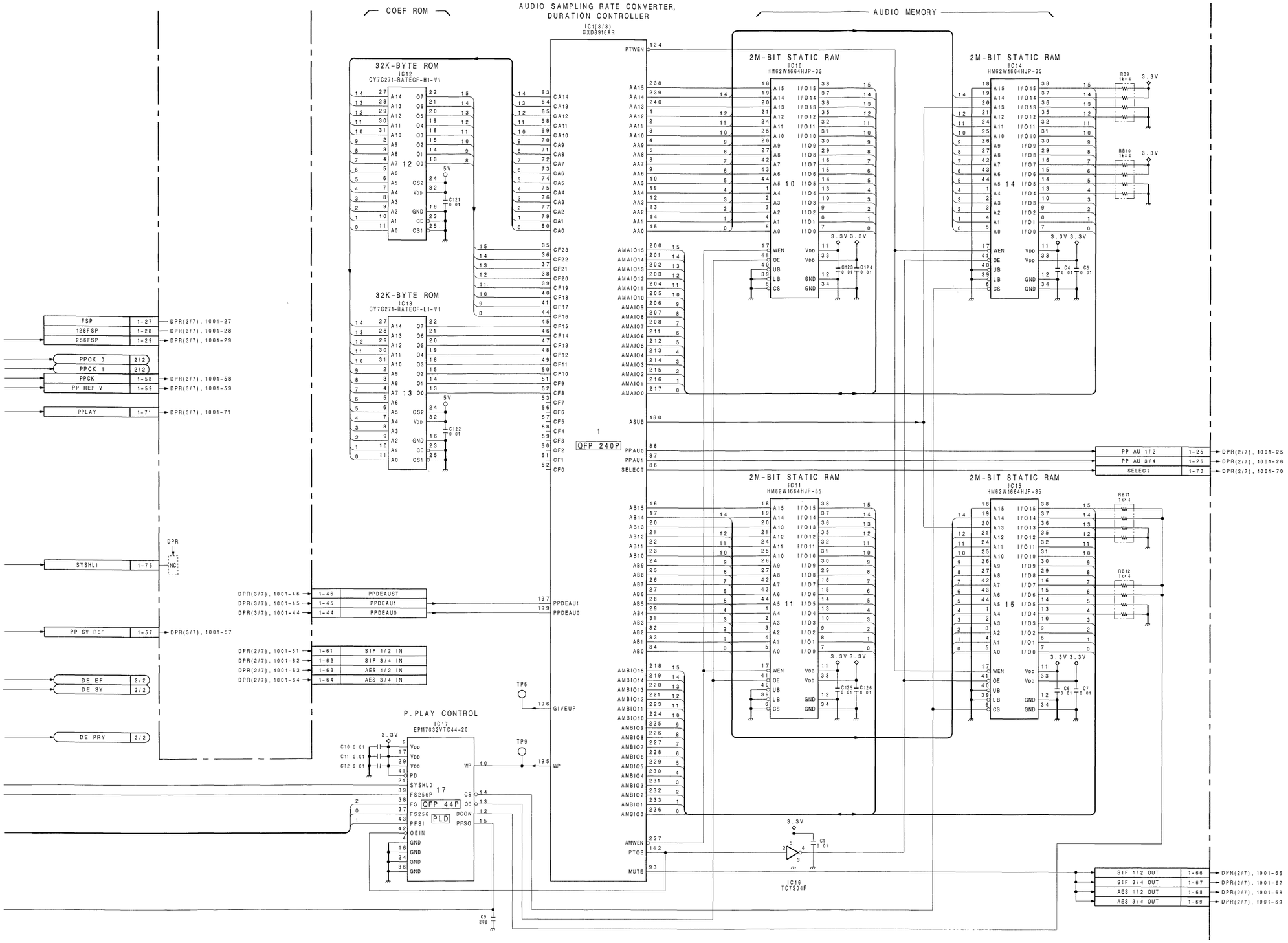
Parallel(50P)Interface

RM-130 BOARD

BOARD NO. 1-648-558-11
BKDW-509 :RM-130 MCB :#10001-

DVW-RM130-ALL-ALL-S/M-04


SYSCON INTERFACE,
TIMING GENERATOR,
PLL CONTROLLER
IC1(1/3)
CXD8916AR
QFP 240P
PHASE COMP.
VCO
1/2 DIVIDE
BUFFER
BUFFER
(LEVEL SHIFT)
IC24
CX23065A
IC25
CX23065A
IC27
MC1648M
IC30
MC1648M
IC29(3/3)
MC74F74M
IC29(1/3)
MC74F74M
IC29(2/3)
MC74F74M
IC21
SN74HCT245ANS
IC22
SN74LVT245ANS-E05
IC38
SN74HC245ANS
IC39
SN74HC245ANS
IC23
TC7S04F
DPR(6/7), 1001-55
DPR(6/7), 1001-53
DPR(6/7), 1001-78
DPR(6/7), 1001-60
DPR(6/7), 1001-80
DPR(6/7), 1001-90
DPR(6/7), 1001-30
DPR(6/7), 1001-31
DPR(6/7), 1001-72
DPR(6/7), 1001-85
DPR(6/7), 1001-100
DPR(1/7), 1001-9
DPR(1/7), 1001-10
DPR(1/7), 1001-11
DPR(1/7), 1001-12
DPR(1/7), 1001-13
DPR(1/7), 1001-1
DPR(1/7), 1001-2
DPR(1/7), 1001-3
DPR(1/7), 1001-4
DPR(1/7), 1001-5
DPR(1/7), 1001-6
DPR(1/7), 1001-7
DPR(1/7), 1001-8
DPR(1/7), 1001-50
DPR(1/7), 1001-74
DPR(1/7), 1001-76
DPR(1/7), 1001-73
DPR(1/7), 1001-48
DPR(1/7), 1001-49
DPR(3/7), 1001-51
DPR(3/7), 1001-43
DPR(3/7), 1001-42
DPR(3/7), 1001-41
DPR(6/7), 1001-52
DPR(2/7), 1001-65
-8V
+5V
+5V
+3.3V
+3.3V
+3.3V
GND
GND
GND
GND
GND
PS1
PS0
PCS
PSTB PP
L;SYS RST
PAD7
PAD6
PAD5
PAD4
PAD3
PAD2
PAD1
PAD0
MCK 1
MCK 0
13.5MCK PP
256FSOP
FSOP
DEFS
256FSO
FSO
REF V PP
PPDEEF
PPDESY
PPDEPRY
MONDE2
L;POWER ON MUTE
MDTES4
MDTES3
MDTES2
MDTES1
MDTES0
STAT1
STAT0
SCS
STRB
RESET
SYSIO7
SYSIO6
SYSIO5
SYSIO4
SYSIO3
SYSIO2
SYSIO1
SYSIO0
NC
CHIPID
MCK
DEFS256
FSPI
DEFS
FS256
FS
REFV
FS256P
PPCK
RPHASE
CPHASE
APHASE
VPHASE
PITX
IBUSEN
OBUSEN
PITY
PPCKO
SYSHL1
SYSHL0
PPREFV
TP1
TP2
TP3
TP4
TP5
TP7
TP8
5V-2
5V
3.3V
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

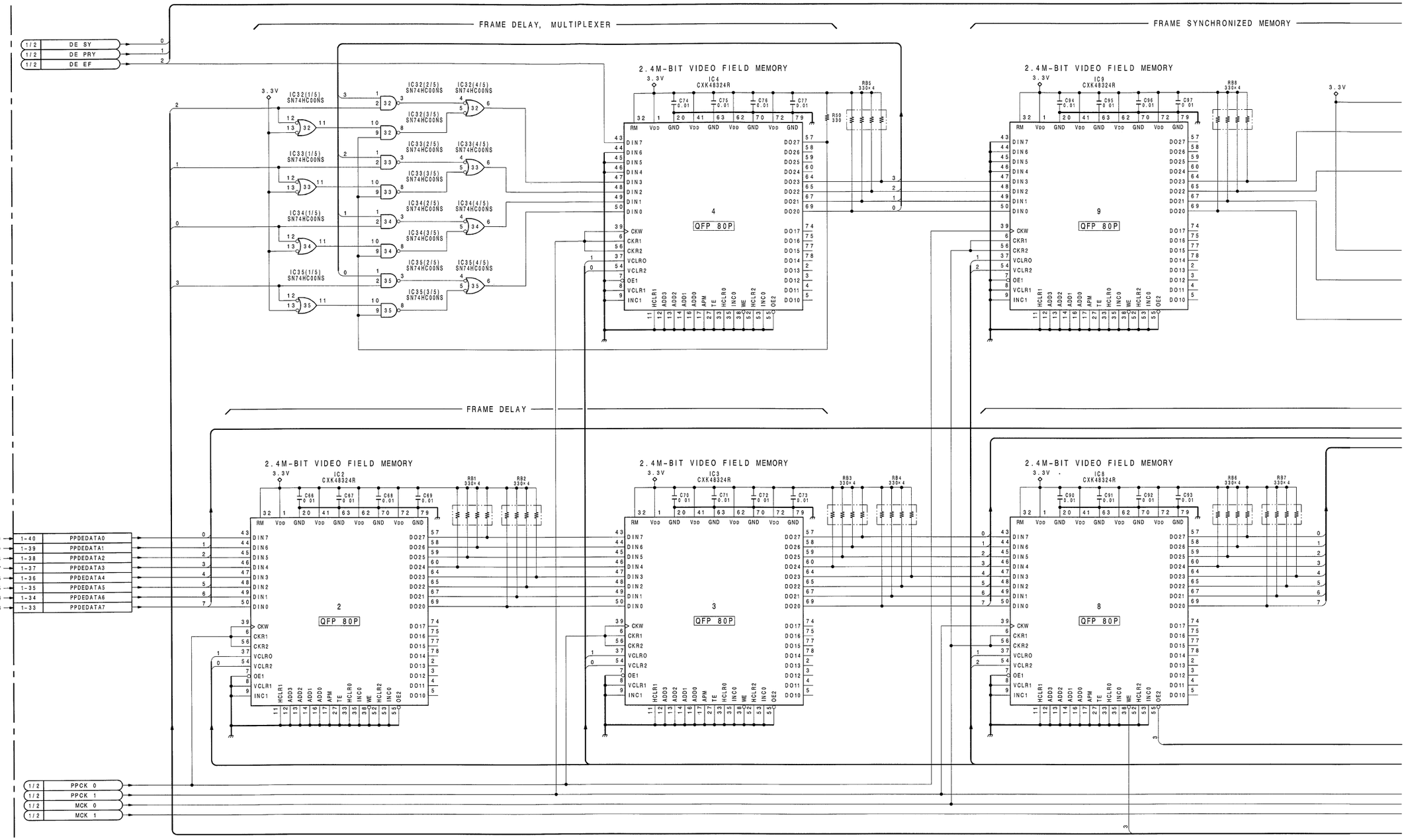


Clock Generator, System Control Interface, Audio Memory Control

PP-45 BOARD (1/2)

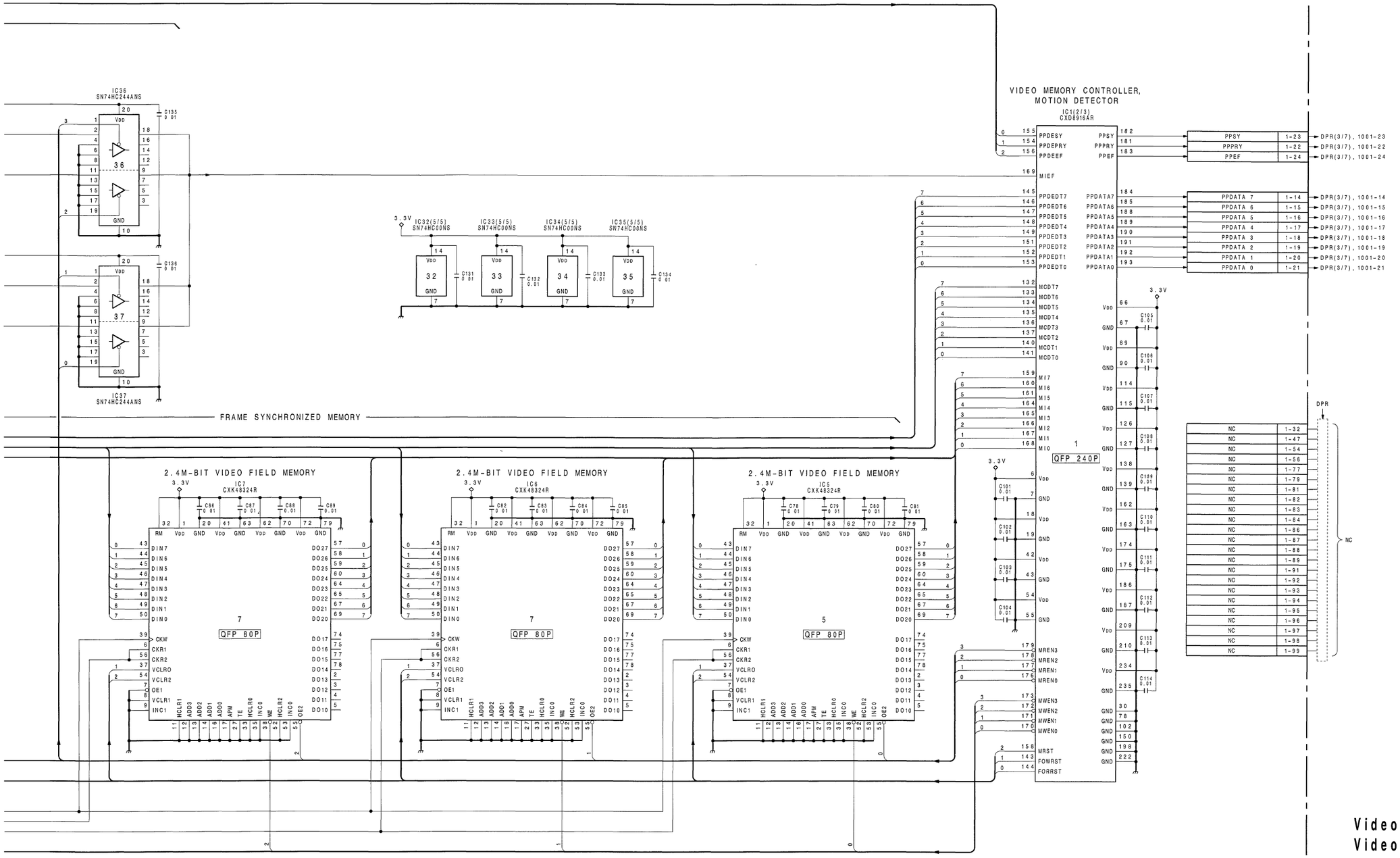
BOARD NO. 1-652-642-13
BKDW-507 :PP-45 MCB :#10001-

DVW-PP45-ALL-ALL-S/M-02



NOTE;
ALL RESISTERS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.

PP-45 (2/2) BKDW-507

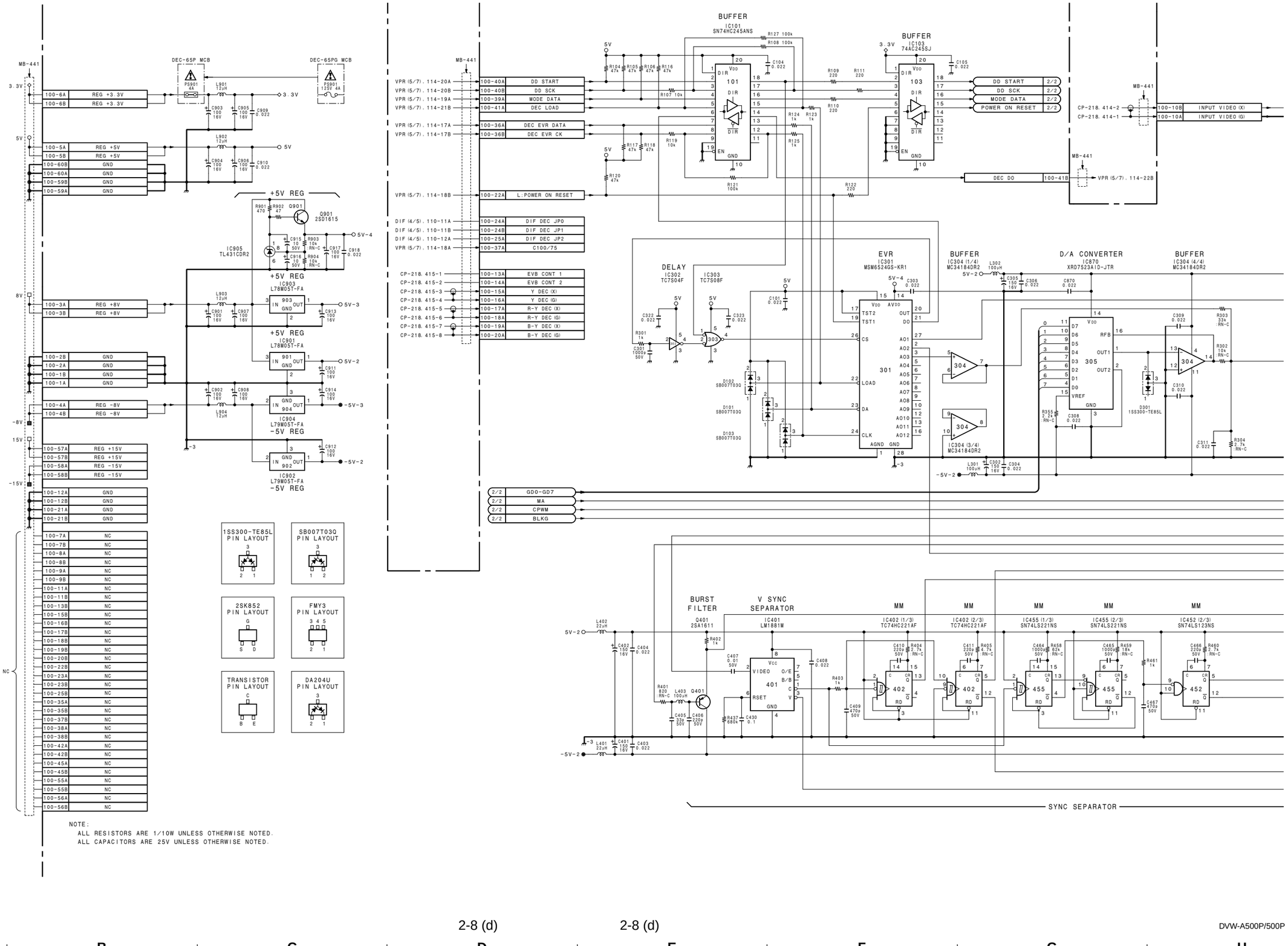


Video Data Frame Delay, Video Memory Control

PP-45 BOARD (2/2)

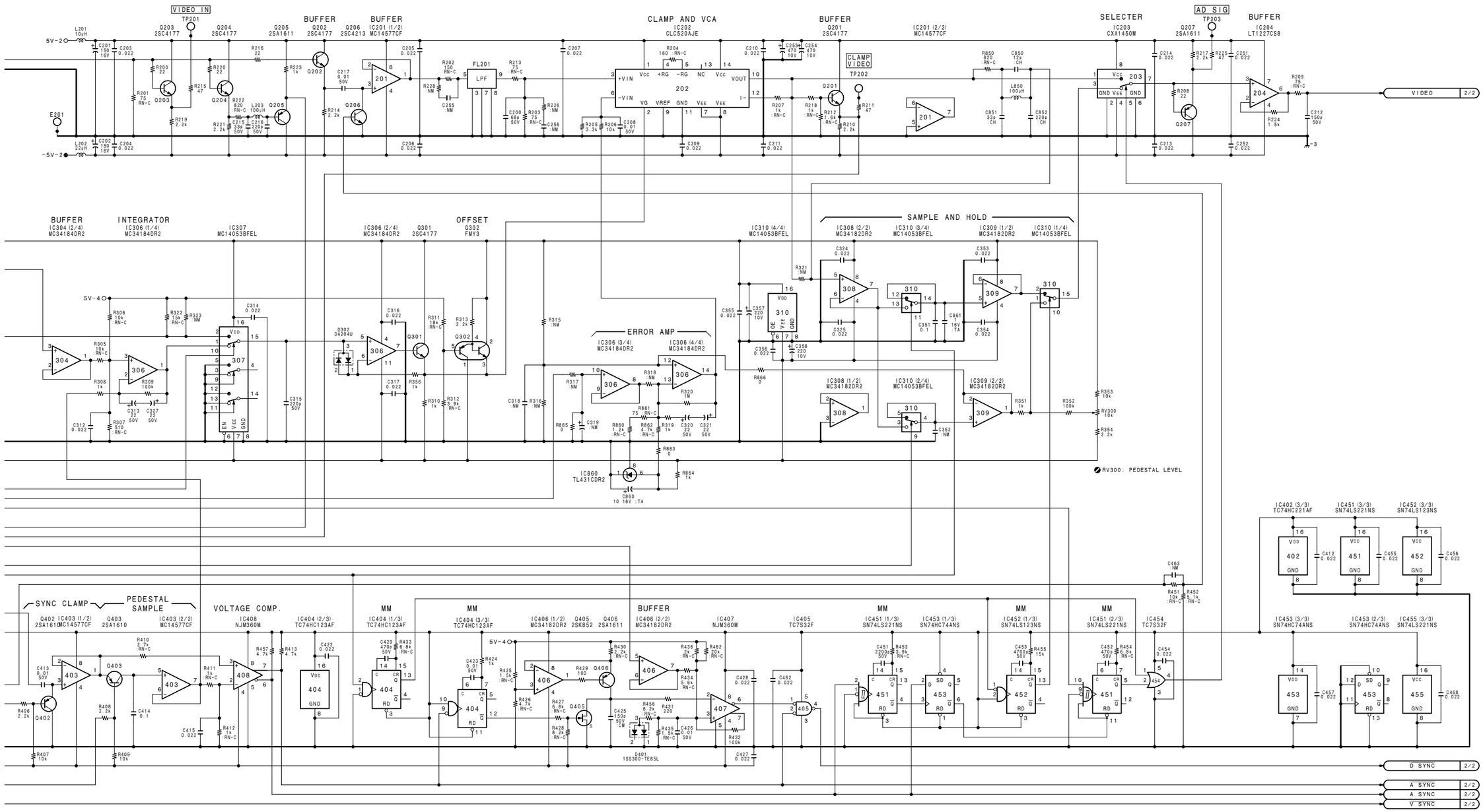
BOARD NO. 1-652-642-13
BKDW-507 :PP-45 MCB :#10001-

DVW-PP45-ALL-ALL-S/M-02



2-8 (d) 2-8 (d)

DVW-A500P/500P



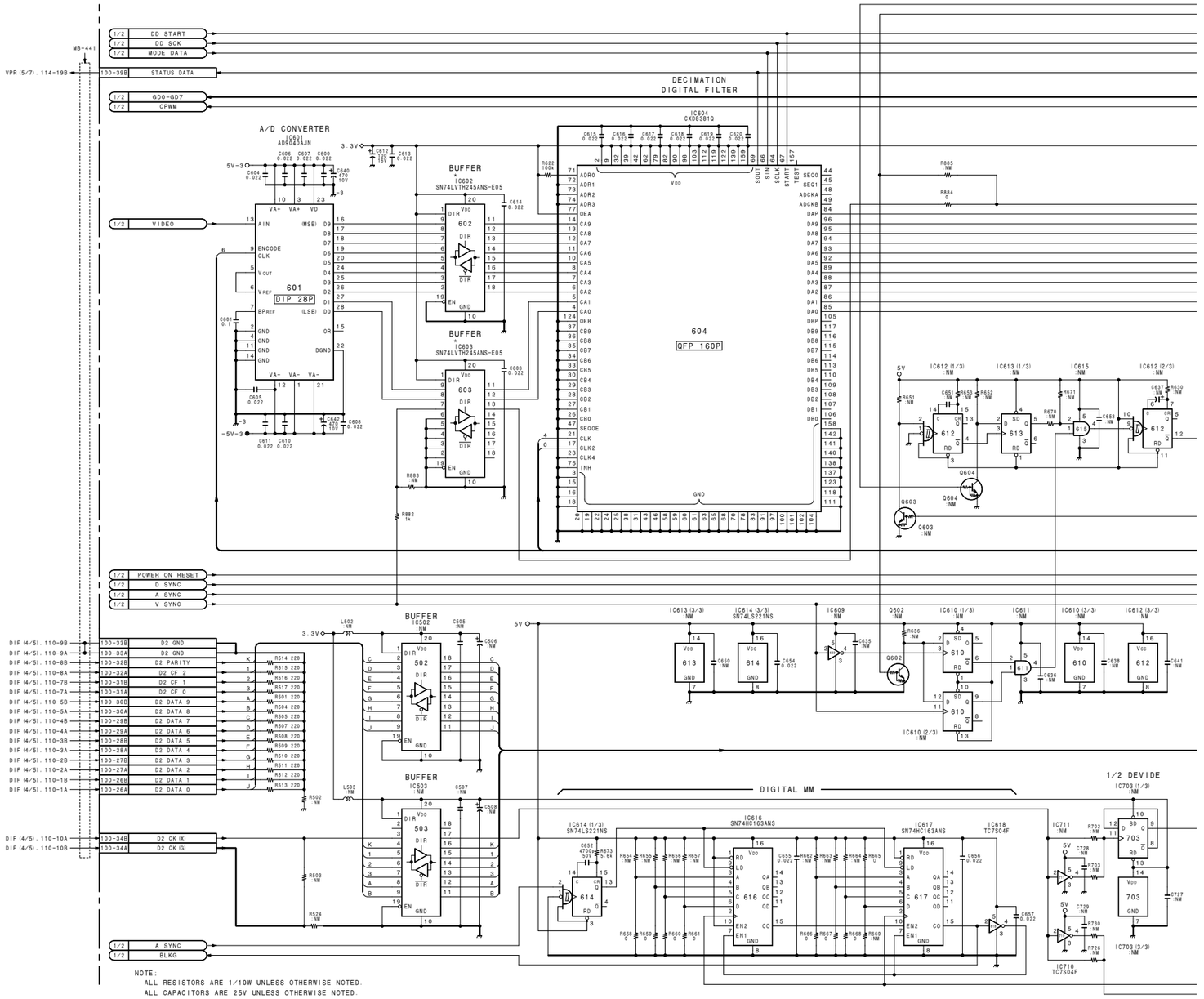
BOARD NO.	SERIAL NO.
1-648-545-14	(EK) : #12931-15210
	(UC) : #10221-10270
1-648-545-15	(EK) : #15211-
	(UC) : #10271-

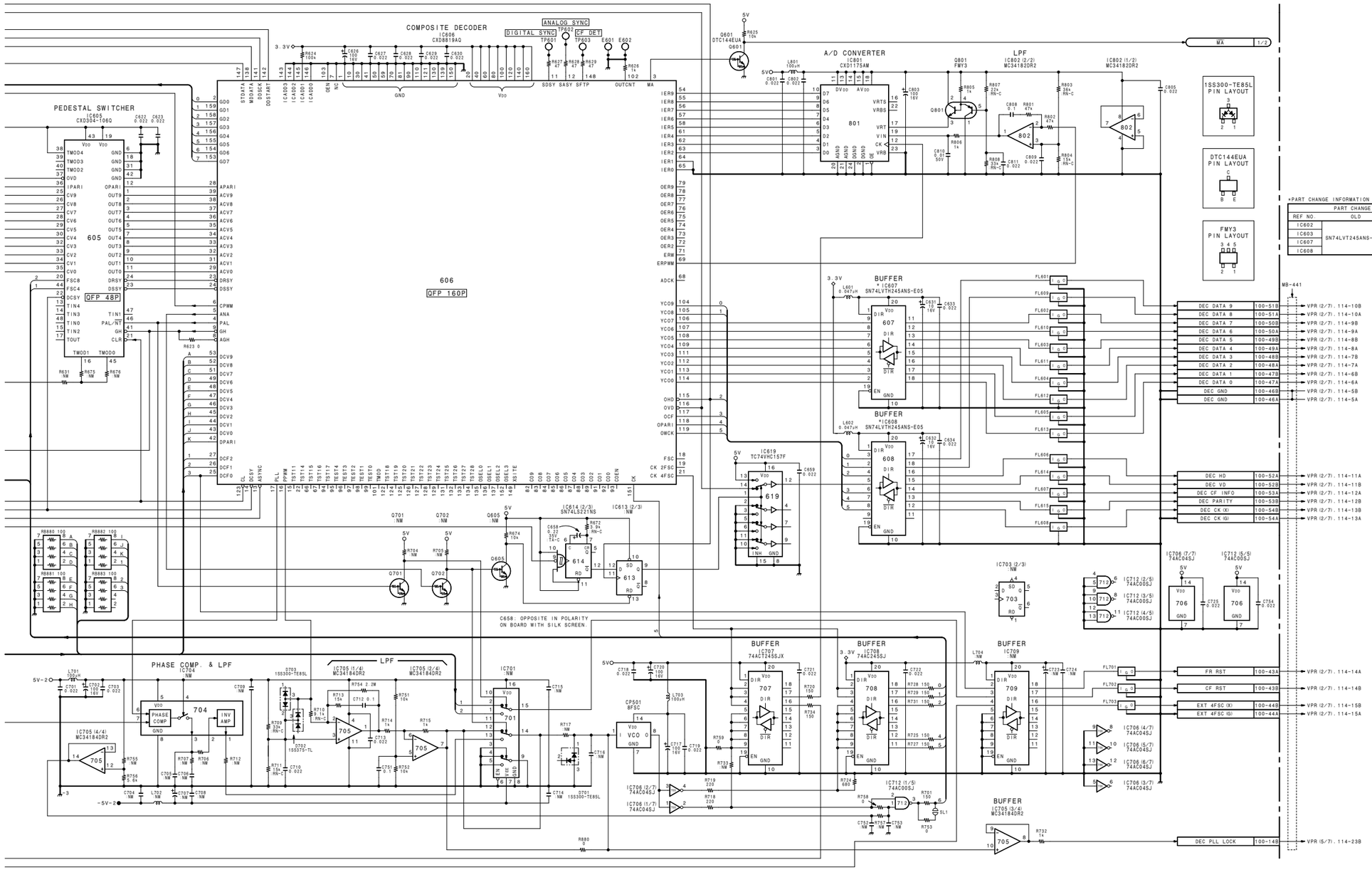
Analog Composite Video Input (EVR, AGC, SYNC Separator)

DEC-65 BOARD (1/2)

BOARD NO. 1-648-545-14, 15
BKDW-506 (EK) : DEC-65P MCB : #12931-
BKDW-506 (UC) : DEC-65PG MCB : #10221-

DVW-DEC65-PAL-REC-S/M-05-D


DECIMATION
DIGITAL FILTER
A/D CONVERTER
IC601
AD9040AJN
601
DTP 28P
IC604
CXD8381Q
604
QFP 160P
BUFFER
IC602
SN74LVTH245ANS-E05
602
BUFFER
IC603
SN74LVTH245ANS-E05
603
BUFFER
IC502
502
BUFFER
IC503
503
1/2 DD START
1/2 DD SCK
1/2 MODE DATA
100-39B STATUS DATA
1/2 GD0-GD7
1/2 CPWM
1/2 VIDEO
1/2 POWER ON RESET
1/2 D SYNC
1/2 A SYNC
1/2 V SYNC
1/2 A SYNC
1/2 BLKG
100-33B D2 GND
100-33A D2 GND
100-32B D2 PARITY
100-32A D2 CF 2
100-31B D2 CF 1
100-31A D2 CF 0
100-30B D2 DATA 9
100-30A D2 DATA 8
100-29B D2 DATA 7
100-29A D2 DATA 6
100-28B D2 DATA 5
100-28A D2 DATA 4
100-27B D2 DATA 3
100-27A D2 DATA 2
100-26B D2 DATA 1
100-26A D2 DATA 0
100-34B D2 CK (X)
100-34A D2 CK (G)
DIGITAL MM
1/2 DEVIDE
IC703 (1/3) :NM
IC703 (2/3) :NM
IC703 (3/3) :NM
IC612 (1/3) :NM
IC613 (1/3) :NM
IC615 :NM
IC612 (2/3) :NM
IC613 (3/3) :NM
IC614 (3/3) SN74LS221NS
IC609 :NM
IC602 :NM
IC610 (1/3) :NM
IC611 :NM
IC610 (3/3) :NM
IC612 (3/3) :NM
IC610 (2/3) :NM
IC614 (1/3) SN74LS221NS
IC616 SN74HC163ANS
IC617 SN74HC163ANS
IC618 TC7S04F
IC711 :NM
IC710 TC7S04F
Q603 :NM
Q604 :NM
MB-441
VPR (5/7), 114-19B
DIF (4/5), 110-9B
DIF (4/5), 110-9A
DIF (4/5), 110-8B
DIF (4/5), 110-8A
DIF (4/5), 110-7B
DIF (4/5), 110-7A
DIF (4/5), 110-5B
DIF (4/5), 110-5A
DIF (4/5), 110-4B
DIF (4/5), 110-4A
DIF (4/5), 110-3B
DIF (4/5), 110-3A
DIF (4/5), 110-2B
DIF (4/5), 110-2A
DIF (4/5), 110-1B
DIF (4/5), 110-1A
DIF (4/5), 110-10A
DIF (4/5), 110-10B
3.3V
5V
5V-3
-5V-3
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



*PART CHANGE INFORMATION

PART CHANGE INFORMATION			CHANGE	REPAIR PART	SIMULATANEOUSLY
REF NO.	OLD	NEW	LOT NO.	FOR OLD PART	CHANGE PART
IC602	SN74LVT245ANS-E05	SN74LVTH245ANS-E05	905	SN74LVTH245ANS-E05	IC602, 603 IC607, 608
IC603					
IC607					
IC608					

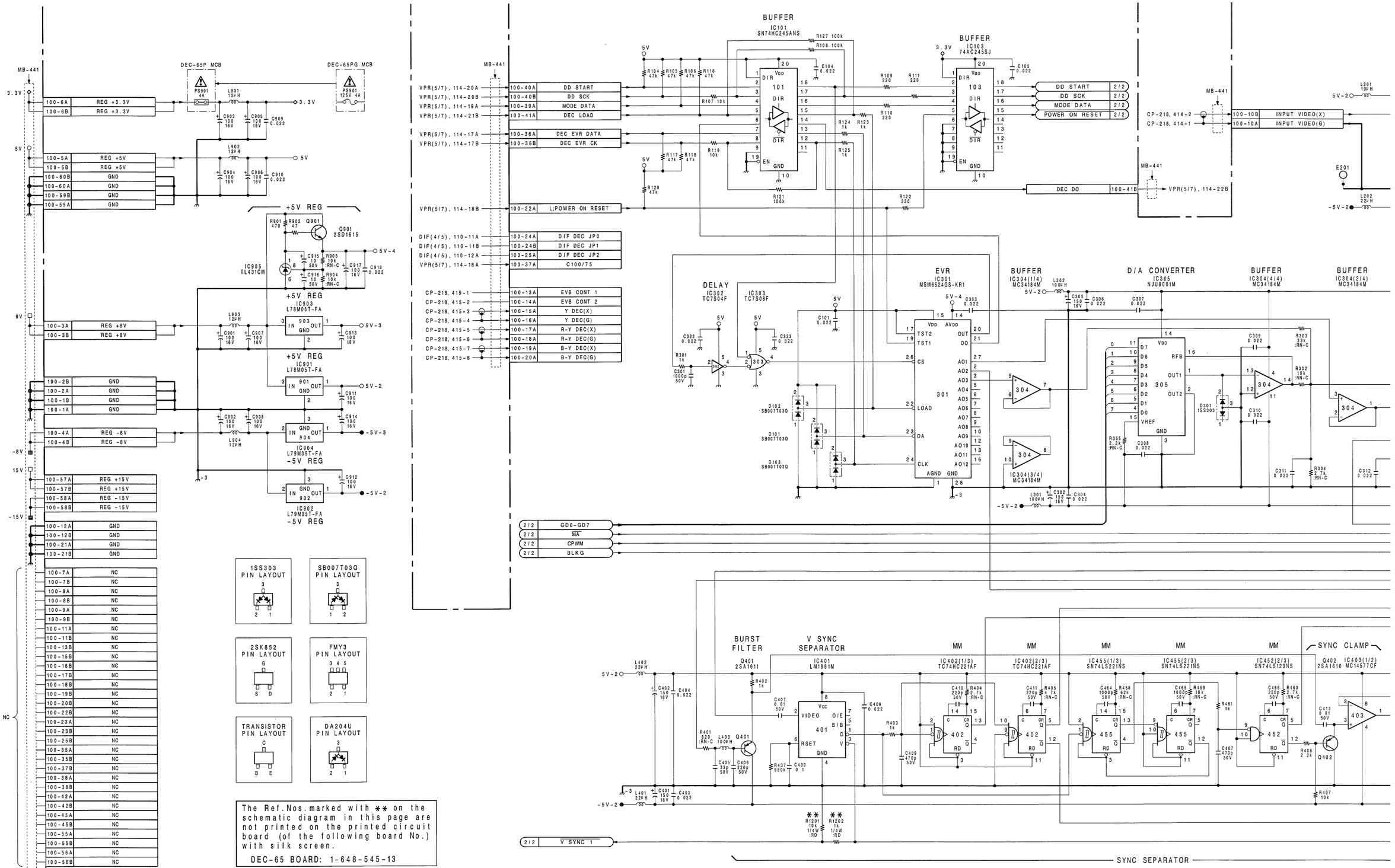
BOARD NO.	SERIAL NO.
1-648-545-14	(EK) : #12931-15210 (UC) : #10221-10270
1-648-545-15	(EK) : #15211- (UC) : #10271-

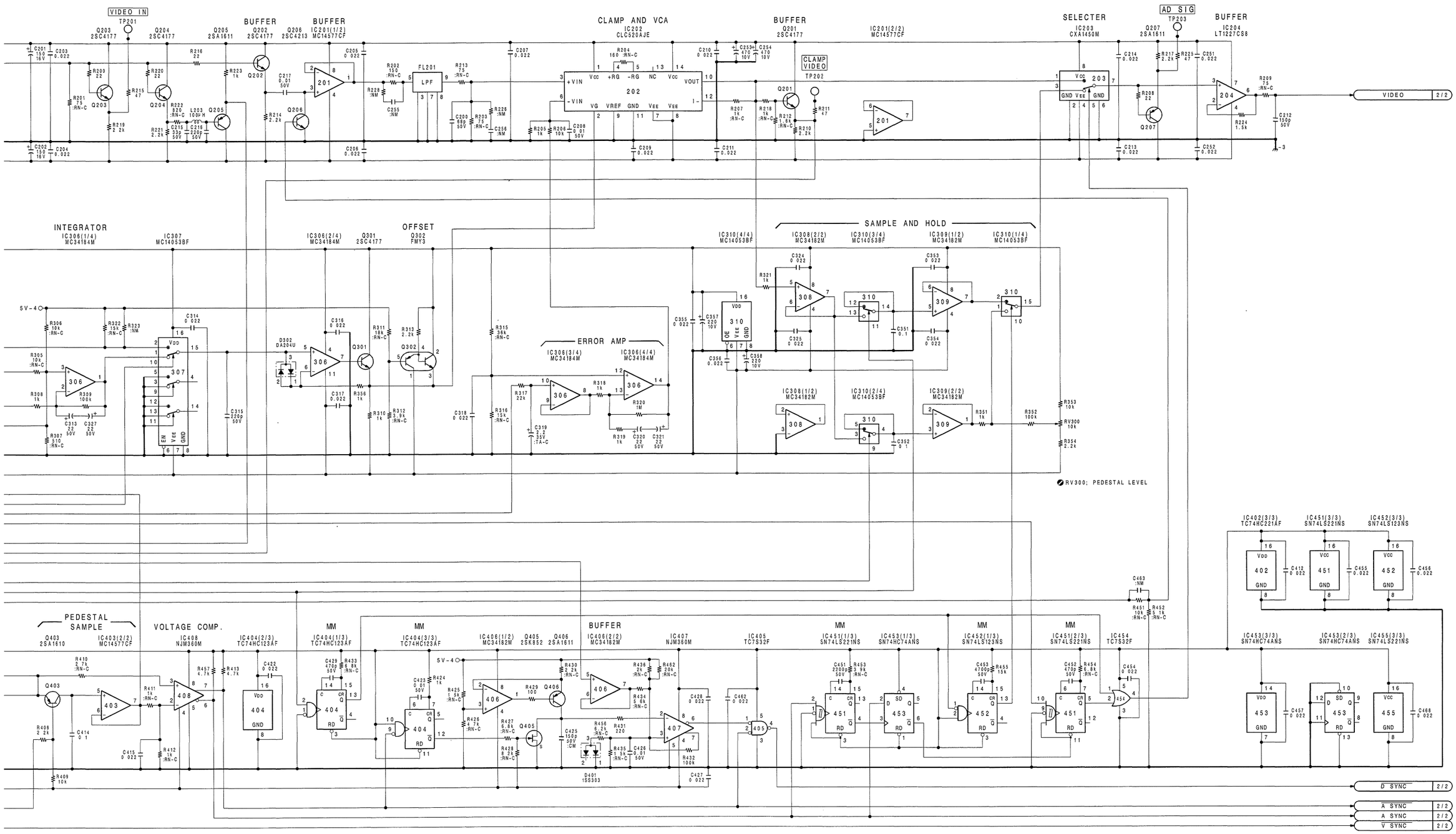
Analog Composite Decode (A/D, Digital Filter)

DEC-65 BOARD (2/2)

BOARD NO. 1-648-545-14, 15
BKDW-506 (EK) : DEC-65P MCB : #12931-
BKDW-506 (UC) : DEC-65PG MCB : #10221-

DVW-DEC65-PAL-REC-S/M-05-D


MB-441
DEC-65P MCB
DEC-65PG MCB
PS901 4A
PS901 125V 4A
L901 12μH
L902 12μH
L903 12μH
L904 12μH
3.3V
5V
8V
-8V
15V
-15V
100-6A REG +3.3V
100-6B REG +3.3V
100-5A REG +5V
100-5B REG +5V
100-6B GND
100-6A GND
100-5B GND
100-5A GND
C903 100 16V
C905 100 16V
C909 0.022
C904 100 16V
C906 100 16V
C910 0.022
+5V REG
R901 470
R902 47
Q901 2SD1615
IC905 TL431CM
C915 10 50V
R903 10k :RN-C
C917 100 16V
C916 10 50V
R904 10k :RN-C
C918 0.022
5V-4
100-3A REG +8V
100-3B REG +8V
C901 100 16V
C907 100 16V
IC903 L78M05T-FA
903 IN GND OUT
C913 100 16V
5V-3
+5V REG
100-2B GND
100-2A GND
100-1B GND
100-1A GND
IC901 L78M05T-FA
901 IN GND OUT
C911 100 16V
5V-2
100-4A REG -8V
100-4B REG -8V
C902 100 16V
C908 100 16V
IC904 L79M05T-FA
904 GND IN OUT
C914 100 16V
-5V-3
-5V REG
100-57A REG +15V
100-57B REG +15V
100-58A REG -15V
100-58B REG -15V
C912 100 16V
-5V-2
IC902 L79M05T-FA
902 GND IN OUT
-5V REG
100-12A GND
100-12B GND
100-21A GND
100-21B GND
NC
100-7A NC
100-7B NC
100-8A NC
100-8B NC
100-9A NC
100-9B NC
100-11A NC
100-11B NC
100-13B NC
100-15B NC
100-16B NC
100-17B NC
100-18B NC
100-19B NC
100-20B NC
100-22B NC
100-23A NC
100-23B NC
100-25B NC
100-35A NC
100-35B NC
100-37B NC
100-38A NC
100-38B NC
100-42A NC
100-42B NC
100-45A NC
100-45B NC
100-55A NC
100-55B NC
100-56A NC
100-56B NC
1SS303 PIN LAYOUT
SB007T03Q PIN LAYOUT
2SK852 PIN LAYOUT
FMY3 PIN LAYOUT
TRANSISTOR PIN LAYOUT
DA204U PIN LAYOUT
The Ref.Nos.marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.
DEC-65 BOARD: 1-648-545-13
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.
BUFFER
IC101 SN74HC245ANS
BUFFER
IC103 74AC245SJ
MB-441
VPR(5/7), 114-20A 100-40A DD START
VPR(5/7), 114-20B 100-40B DD SCK
VPR(5/7), 114-19A 100-39A MODE DATA
VPR(5/7), 114-21B 100-41A DEC LOAD
VPR(5/7), 114-17A 100-36A DEC EVR DATA
VPR(5/7), 114-17B 100-36B DEC EVR CK
VPR(5/7), 114-18B 100-22A L;POWER ON RESET
DIF(4/5), 110-11A 100-24A DIF DEC JP0
DIF(4/5), 110-11B 100-24B DIF DEC JP1
DIF(4/5), 110-12A 100-25A DIF DEC JP2
VPR(5/7), 114-18A 100-37A C100/75
CP-218, 415-1 100-13A EVB CONT 1
CP-218, 415-2 100-14A EVB CONT 2
CP-218, 415-3 100-15A Y DEC(X)
CP-218, 415-4 100-16A Y DEC(G)
CP-218, 415-5 100-17A R-Y DEC(X)
CP-218, 415-6 100-18A R-Y DEC(G)
CP-218, 415-7 100-19A B-Y DEC(X)
CP-218, 415-8 100-20A B-Y DEC(G)
R104 47k
R105 47k
R106 47k
R118 47k
R107 10k
R108 100k
R127 100k
C104 0.022
R109 220
R111 220
R110 220
C105 0.022
R124 1k
R123 1k
R125 1k
R119 10k
R117 47k
R118 47k
R120 47k
R121 100k
R122 220
DD START 2/2
DD SCK 2/2
MODE DATA 2/2
POWER ON RESET 2/2
DEC DO 100-41B
DELAY
IC302 TC7S04F
IC303 TC7S08F
EVR
IC301 MSM6524GS-KR1
C322 0.022
C323 0.022
C101 0.022
R301 1k
C301 1000p 50V
D102 SB007T03Q
D101 SB007T03Q
D103 SB007T03Q
C303 0.022
2/2 GD0-GD7
2/2 MA
2/2 CPWM
2/2 BLKG
BUFFER
IC304(1/4) MC34184M
D/A CONVERTER
IC305 NJU8001M
BUFFER
IC304(4/4) MC34184M
BUFFER
IC304(2/4) MC34184M
L302 100μH
C305 150 16V
C306 0.022
C307 0.022
IC304(3/4) MC34184M
L301 100μH
C302 150 16V
C304 0.022
C309 0.022
C310 0.022
C311 0.022
C312 0.022
R303 33k :RN-C
R302 10k :RN-C
R304 2.7k :RN-C
R355 2.2k :RN-C
C308 0.022
D301 1SS303
CP-218, 414-2 100-10B INPUT VIDEO(X)
CP-218, 414-1 100-10A INPUT VIDEO(G)
L201 10μH
L202 22μH
E201
VPR(5/7), 114-22B
BURST FILTER
Q401 2SA1611
V SYNC SEPARATOR
IC401 LM1881M
IC402(1/3) TC74HC221AF
IC402(2/3) TC74HC221AF
IC455(1/3) SN74LS221NS
IC455(2/3) SN74LS221NS
IC452(2/3) SN74LS123NS
SYNC CLAMP
Q402 2SA1610
IC403(1/2) MC14577CF
L402 22μH
L401 22μH
C402 150 16V
C404 0.022
C401 150 16V
C403 0.022
R402 1k
C407 0.01 50V
C406 0.022
R401 820 :RN-C
L403 100μH
Q401
C405 33p 50V
C406 220p 50V
R437 680k
C430 0.1
R403 1k
C409 470p 50V
C410 220p 50V
R404 2.7k :RN-C
C411 220p 50V
R405 4.7k :RN-C
C464 1000p 50V
R458 82k :RN-C
C465 1000p 50V
R459 18k :RN-C
R461 1k
C466 220p 50V
R460 2.7k :RN-C
C467 470p 50V
C413 0.01 50V
R406 2.2k
Q402
R407 10k
R1201 10k 1/4W :RD
R1202 1k 1/4W :RD
2/2 V SYNC 1
SYNC SEPARATOR

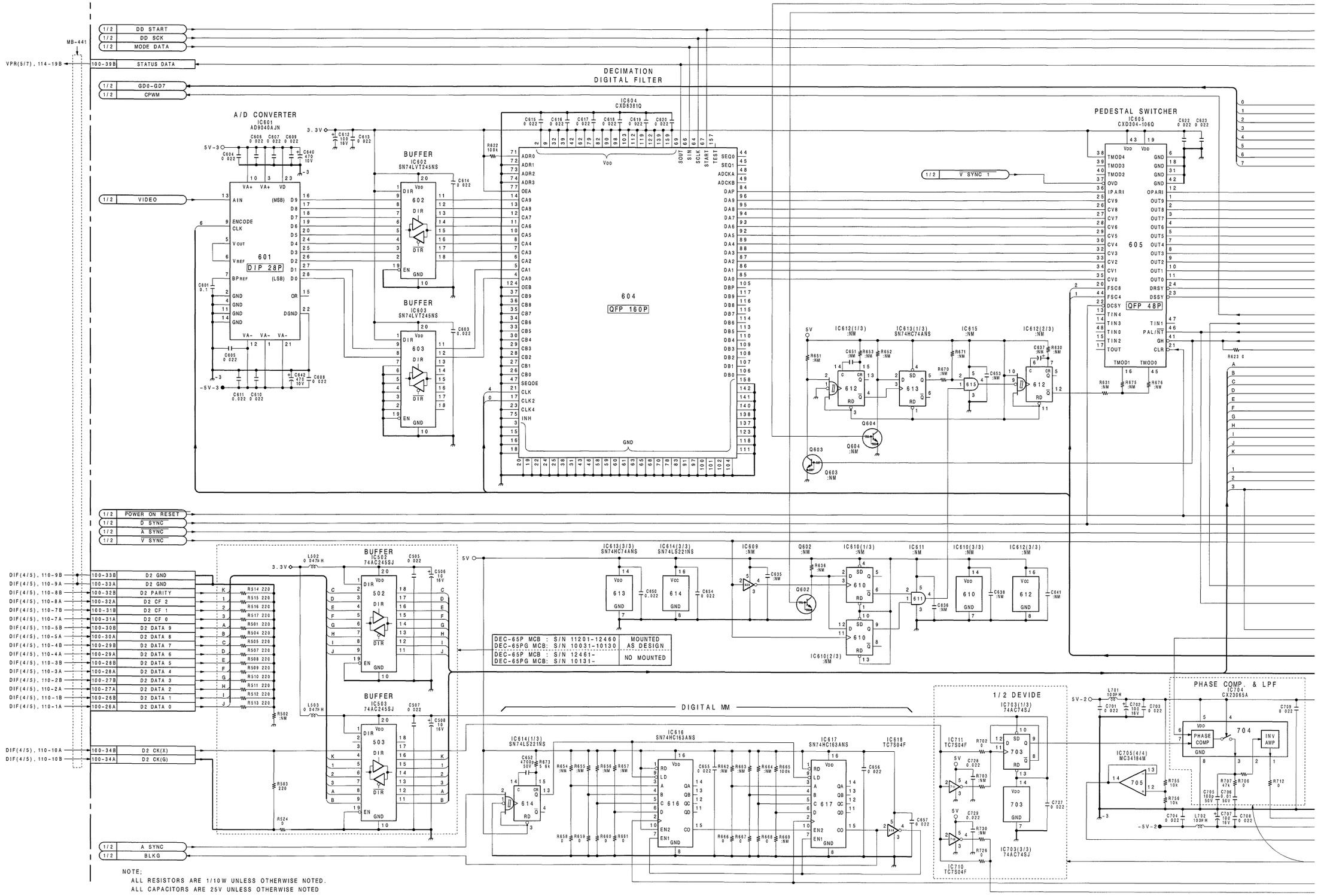


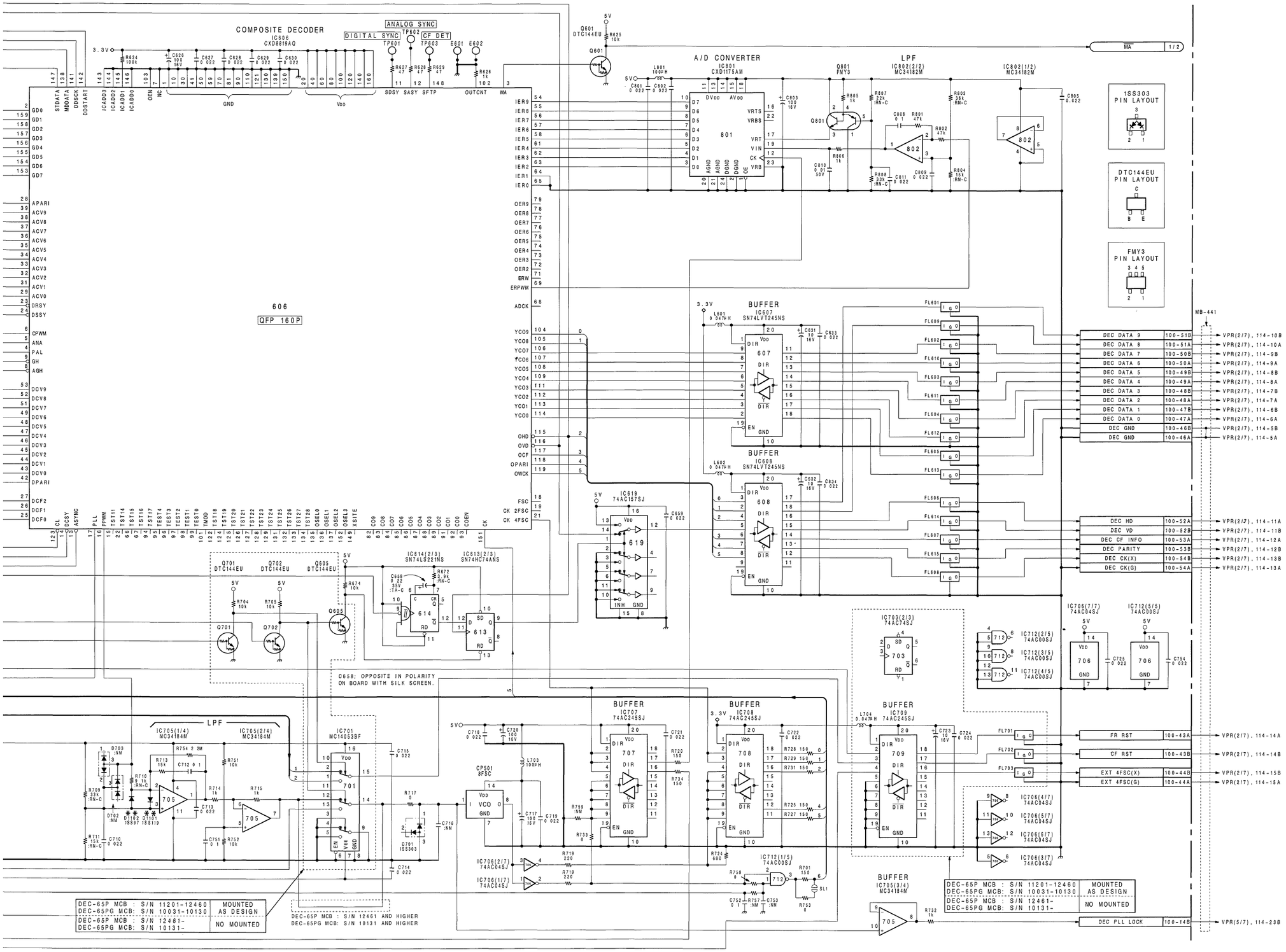
Analog Composite Video Input (EVR, AGC, SYNC Separator)

DEC-65 BOARD (1/2)

BOARD NO. 1-648-545-13
BKDW-506(EK) :DEC-65P MCB :#11201-12930
BKDW-506(UC) :DEC-65PG MCB:#10031-10220

DVW-DEC65-PAL-REC-S/M-05-C


DECIMATION
DIGITAL FILTER
A/D CONVERTER
IC601
AD9040AJN
601
DIP 28P
BUFFER
IC602
SN74LVT245NS
602
BUFFER
IC603
SN74LVT245NS
603
IC604
CXD6381Q
604
QFP 160P
PEDESTAL SWITCHER
IC605
CXD3041-106Q
605
QFP 48P
BUFFER
IC502
74AC245SJ
502
BUFFER
IC503
74AC245SJ
503
DIGITAL MM
PHASE COMP. & LPF
IC704
CX23065A
704
1/2 DEVIDE
IC703(1/3)
74AC74SJ
IC703(3/3)
74AC74SJ
IC710
TC7S04F
IC711
TC7S04F
IC705(4/4)
MC34184M
IC612(1/3) :NM
IC613(1/3)
SN74HC74ANS
IC615 :NM
IC612(2/3) :NM
IC609 :NM
IC610(1/3) :NM
IC611 :NM
IC610(3/3) :NM
IC612(3/3) :NM
IC613(3/3)
SN74HC74ANS
IC614(3/3)
SN74LS221NS
IC610(2/3) :NM
IC614(1/3)
SN74LS221NS
IC616
SN74HC163ANS
IC617
SN74HC163ANS
IC618
TC7S04F
MB-441
VPR(5/7), 114-19B
1/2 DD START
1/2 DD SCK
1/2 MODE DATA
100-39B STATUS DATA
1/2 GD0-GD7
1/2 CPWM
1/2 VIDEO
1/2 V SYNC 1
1/2 POWER ON RESET
1/2 D SYNC
1/2 A SYNC
1/2 V SYNC
1/2 A SYNC
1/2 BLKG
100-33B D2 GND
100-33A D2 GND
100-32B D2 PARITY
100-32A D2 CF 2
100-31B D2 CF 1
100-31A D2 CF 0
100-30B D2 DATA 9
100-30A D2 DATA 8
100-29B D2 DATA 7
100-29A D2 DATA 6
100-28B D2 DATA 5
100-28A D2 DATA 4
100-27B D2 DATA 3
100-27A D2 DATA 2
100-26B D2 DATA 1
100-26A D2 DATA 0
100-34B D2 CK(X)
100-34A D2 CK(G)
DIF(4/5), 110-9B
DIF(4/5), 110-9A
DIF(4/5), 110-8B
DIF(4/5), 110-8A
DIF(4/5), 110-7B
DIF(4/5), 110-7A
DIF(4/5), 110-5B
DIF(4/5), 110-5A
DIF(4/5), 110-4B
DIF(4/5), 110-4A
DIF(4/5), 110-3B
DIF(4/5), 110-3A
DIF(4/5), 110-2B
DIF(4/5), 110-2A
DIF(4/5), 110-1B
DIF(4/5), 110-1A
DIF(4/5), 110-10A
DIF(4/5), 110-10B
DEC-65P MCB : S/N 11201-12460 MOUNTED
DEC-65PG MCB: S/N 10031-10130 AS DESIGN
DEC-65P MCB : S/N 12461- NO MOUNTED
DEC-65PG MCB: S/N 10131-
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DEC-65 BOARD: 1-648-545-13

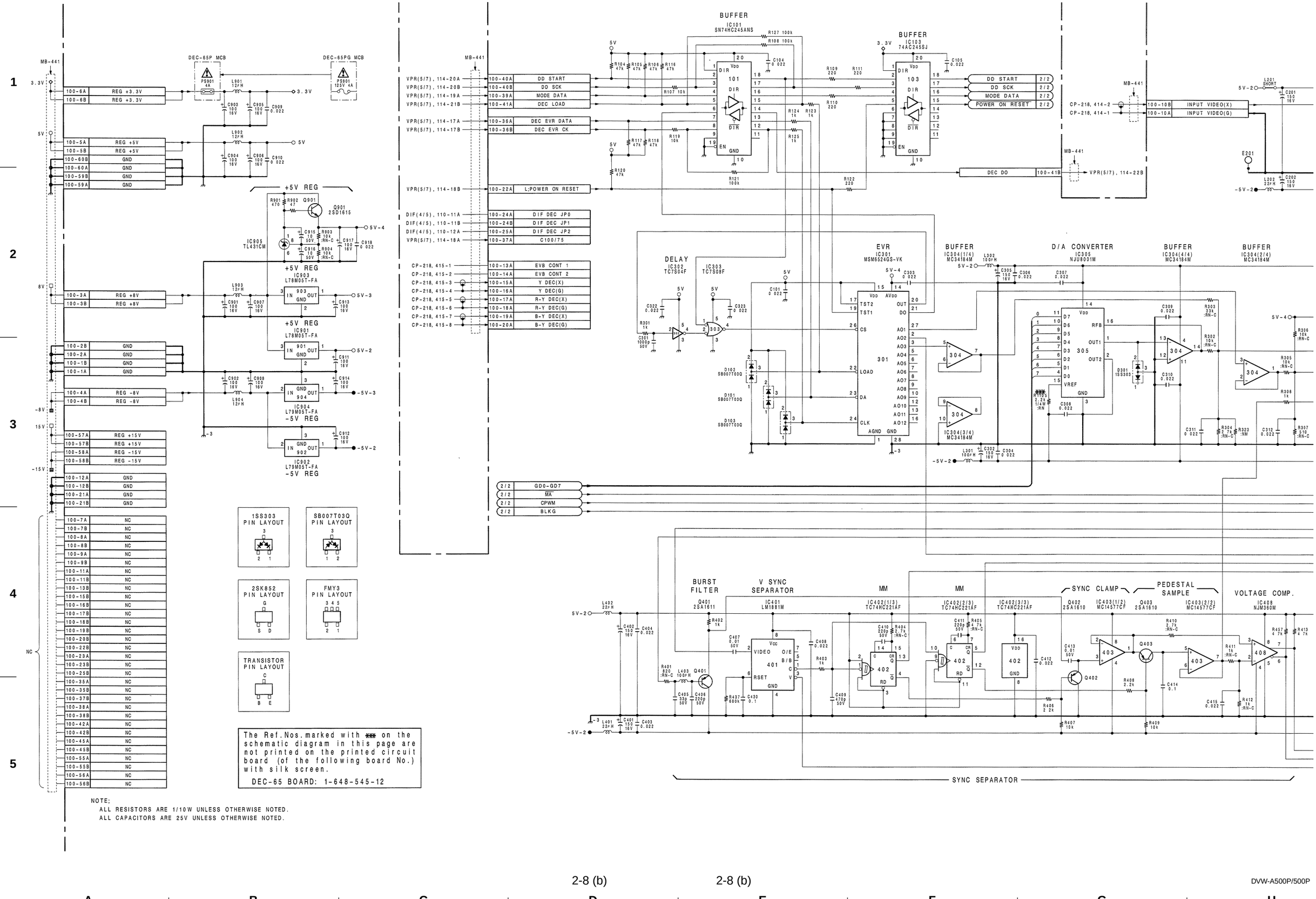
Analog Composite Decode (A/D, Digital Filter)

DEC-65 BOARD (2/2)

BOARD NO. 1-648-545-13
BKDW-506(EK) :DEC-65P MCB :#11201-12930
BKDW-506(UC) :DEC-65PG MCB:#10031-10220

DVW-DEC65-PAL-REC-S/M-05-C

DEC-65 (1/2) BKDW-506



The Ref.Nos. marked with ✻✻✻ on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

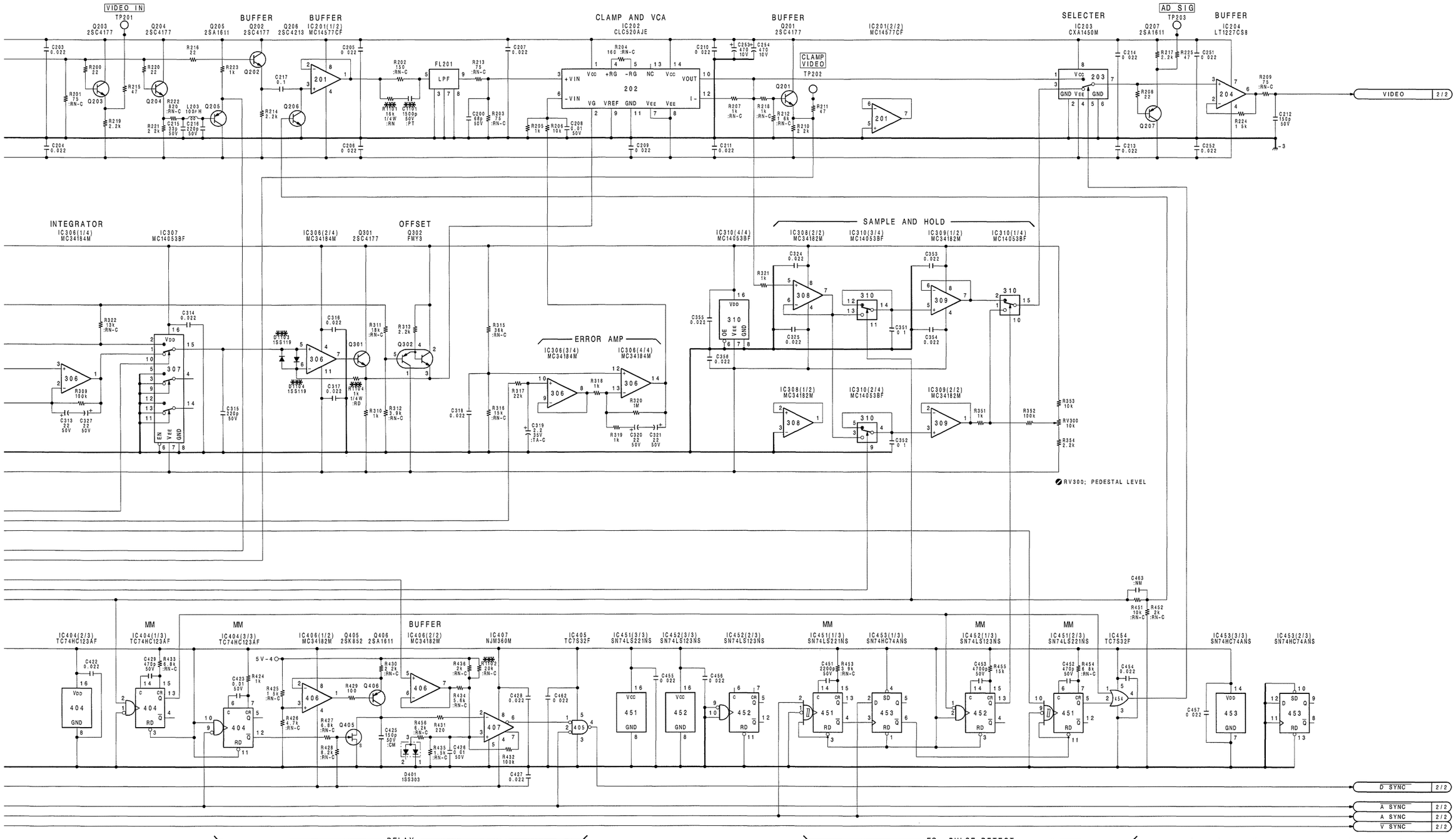
DEC-65 BOARD: 1-648-545-12

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.

2-8 (b) 2-8 (b)

DVW-A500P/500P

A B C D E F G H

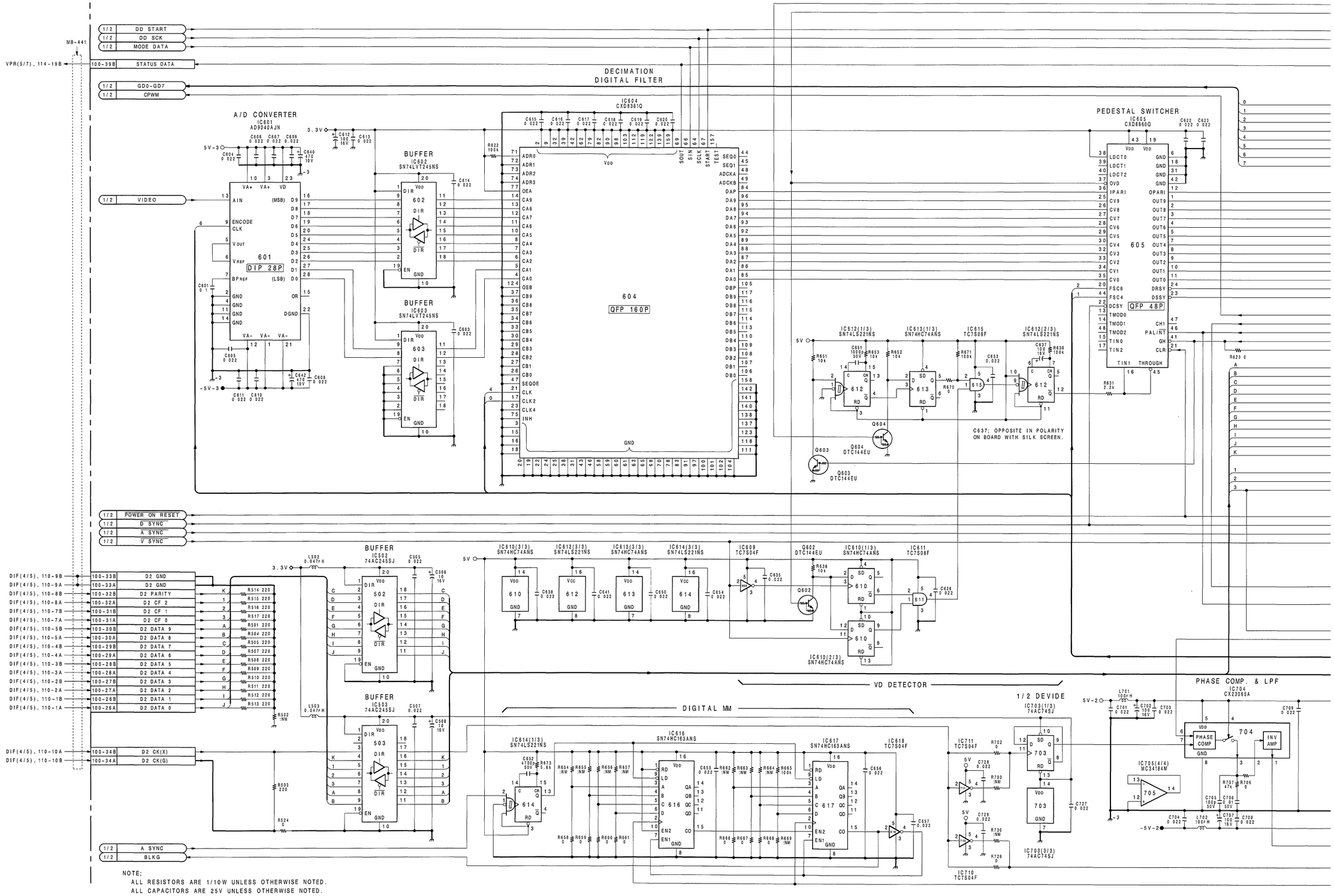


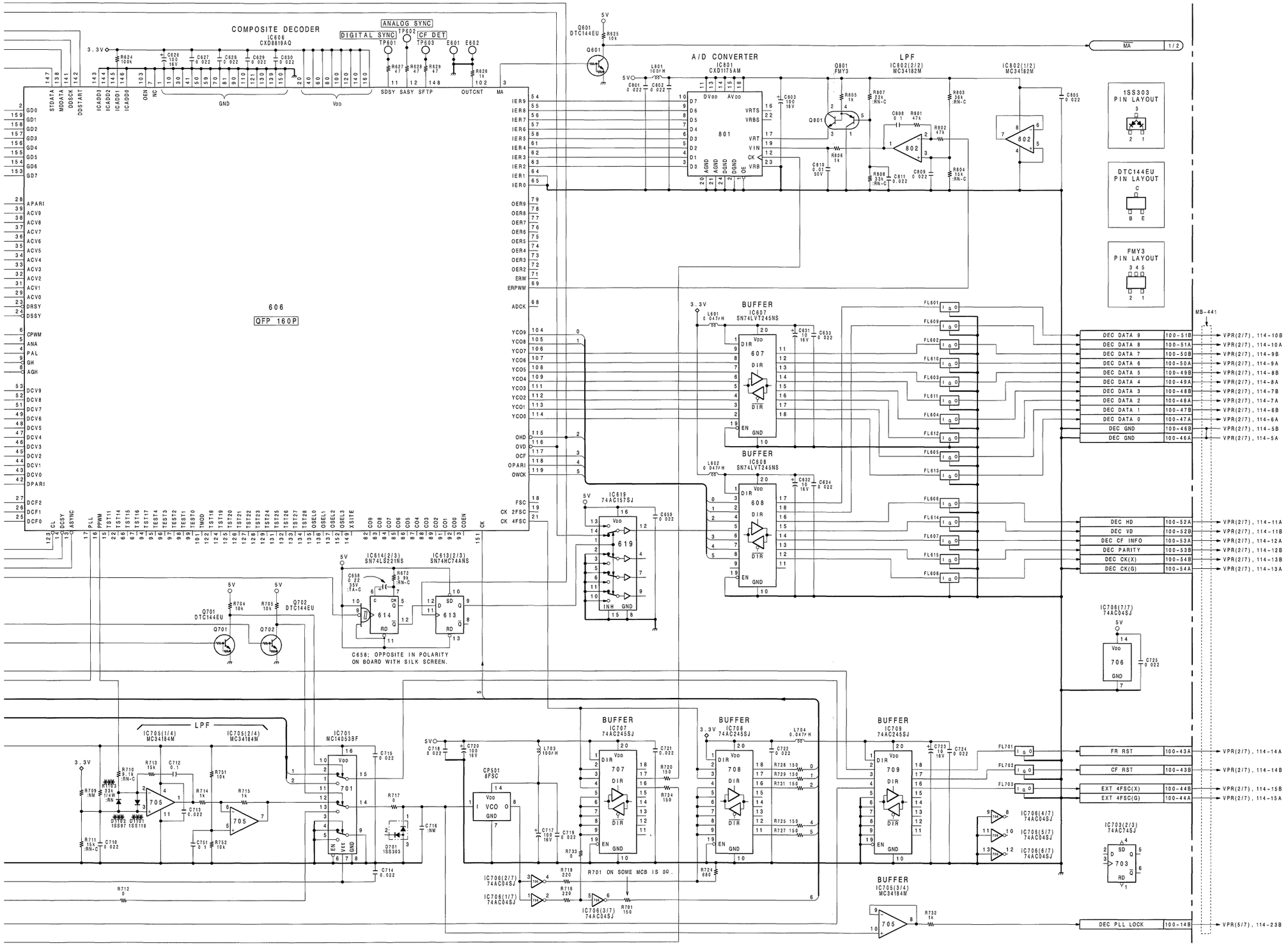
Analog Composite Video Input (EVR, AGC, SYNC Separator)

DEC-65 BOARD (1/2)

BOARD NO. 1-648-545-12
BKDW-506(EK) :DEC-65P MCB :#10751-#11200
BKDW-506(UC) :DEC-65PG MCB:#10021-#10030

DVW-DEC65-PAL-REC-S/M-04-B


DD START
DD SCK
MODE DATA
STATUS DATA
GD0-GD7
CPWM
VIDEO
POWER ON RESET
D SYNC
A SYNC
V SYNC
BLKG
D2 CK(X)
D2 CK(G)
D2 GND
D2 PARITY
D2 CF 2
D2 CF 1
D2 CF 0
D2 DATA 9
D2 DATA 8
D2 DATA 7
D2 DATA 6
D2 DATA 5
D2 DATA 4
D2 DATA 3
D2 DATA 2
D2 DATA 1
D2 DATA 0
MB-441
VPR(5/7), 114-19B
DIF(4/5), 110-9B
DIF(4/5), 110-10A
A/D CONVERTER
IC601 AD9040AJN
601 DIP 28P
BUFFER IC602 SN74LVT245NS
BUFFER IC603 SN74LVT245NS
DECIMATION DIGITAL FILTER
IC604 CXD8361Q
604 QFP 160P
PEDESTAL SWITCHER
IC605 CXD8860Q
605 QFP 48P
BUFFER IC502 74AC245SJ
BUFFER IC503 74AC245SJ
DIGITAL MM
VD DETECTOR
1/2 DEVIDE
PHASE COMP. & LPF
IC704 CX23065A
C637; OPPOSITE IN POLARITY ON BOARD WITH SILK SCREEN.
NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



The Ref.Nos. marked with ✱✱✱ on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

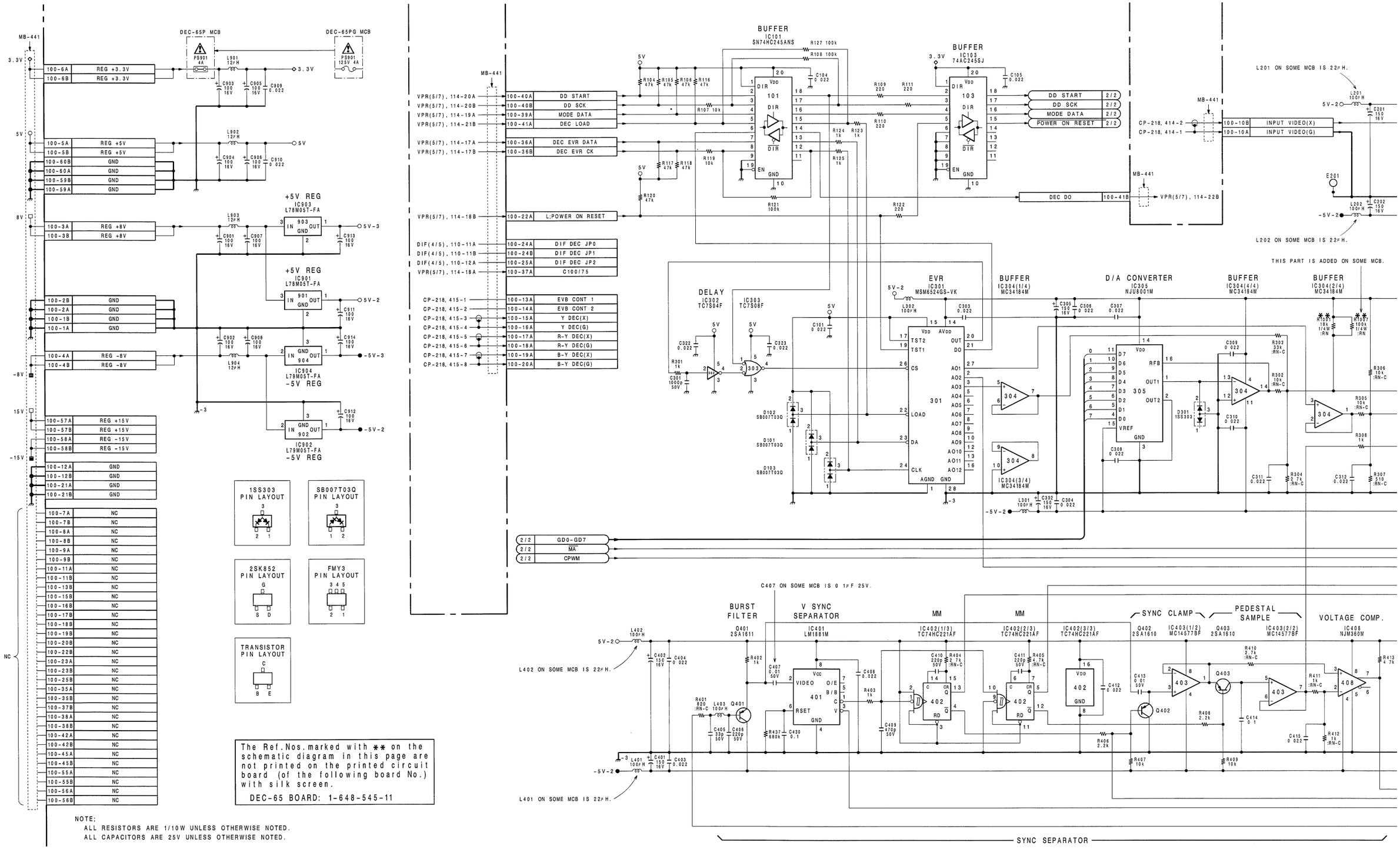
DEC-65 BOARD: 1-648-545-12

Analog Composite Decode (A/D, Digital Filter)

DEC-65 BOARD (2/2)

BOARD NO. 1-648-545-12
BKDW-506(EK) :DEC-65P MCB :#10751-#11200
BKDW-506(UC) :DEC-65PG MCB:#10021-#10030

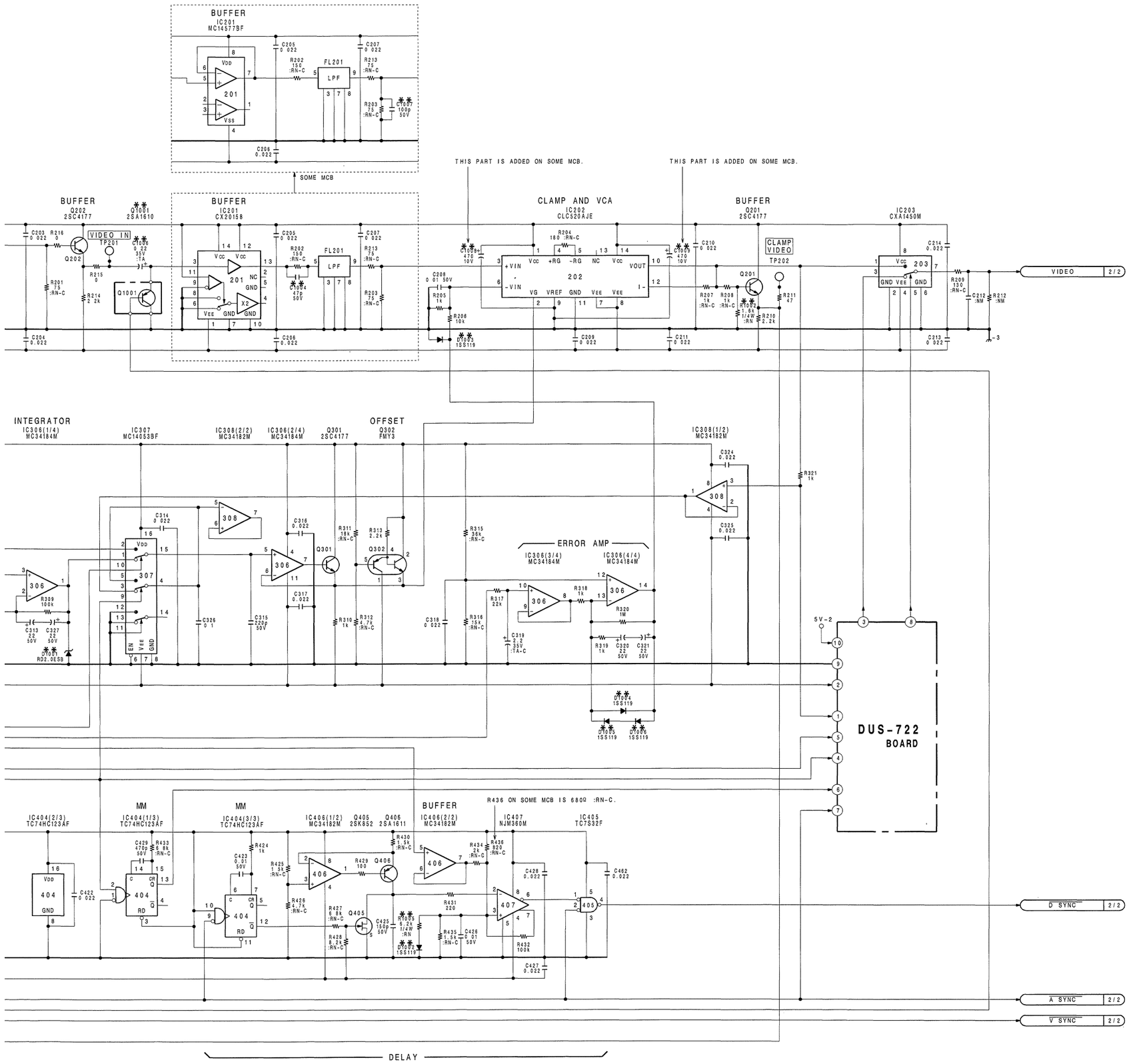
DVW-DEC65-PAL-REC-S/M-04-B

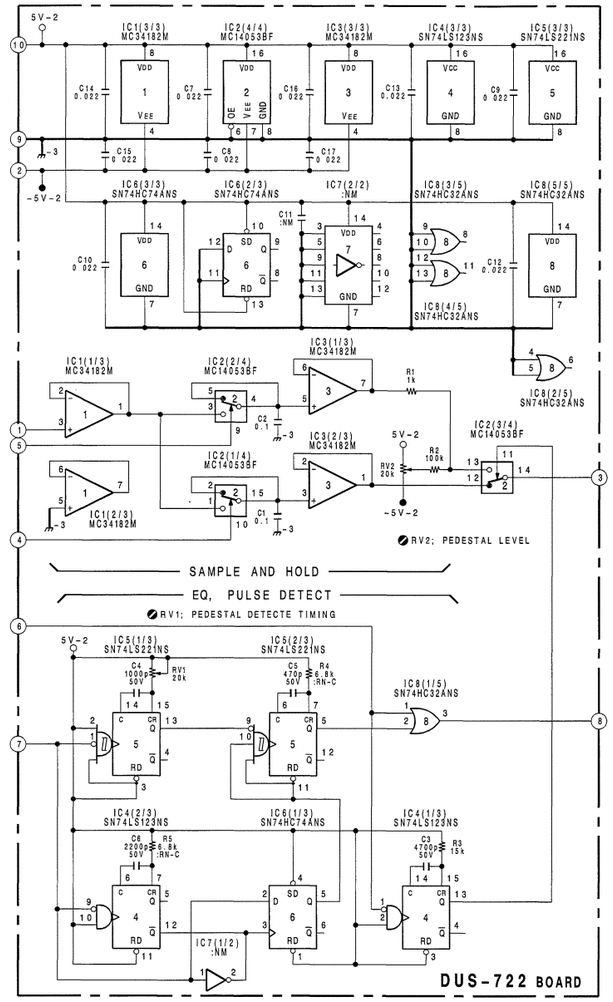


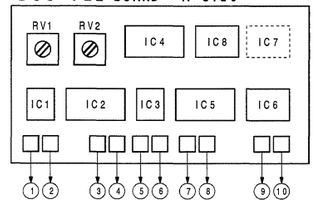
The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DEC-65 BOARD: 1-648-545-11

NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.







DUS-722 BOARD

BOARD NO. 1-650-561-11

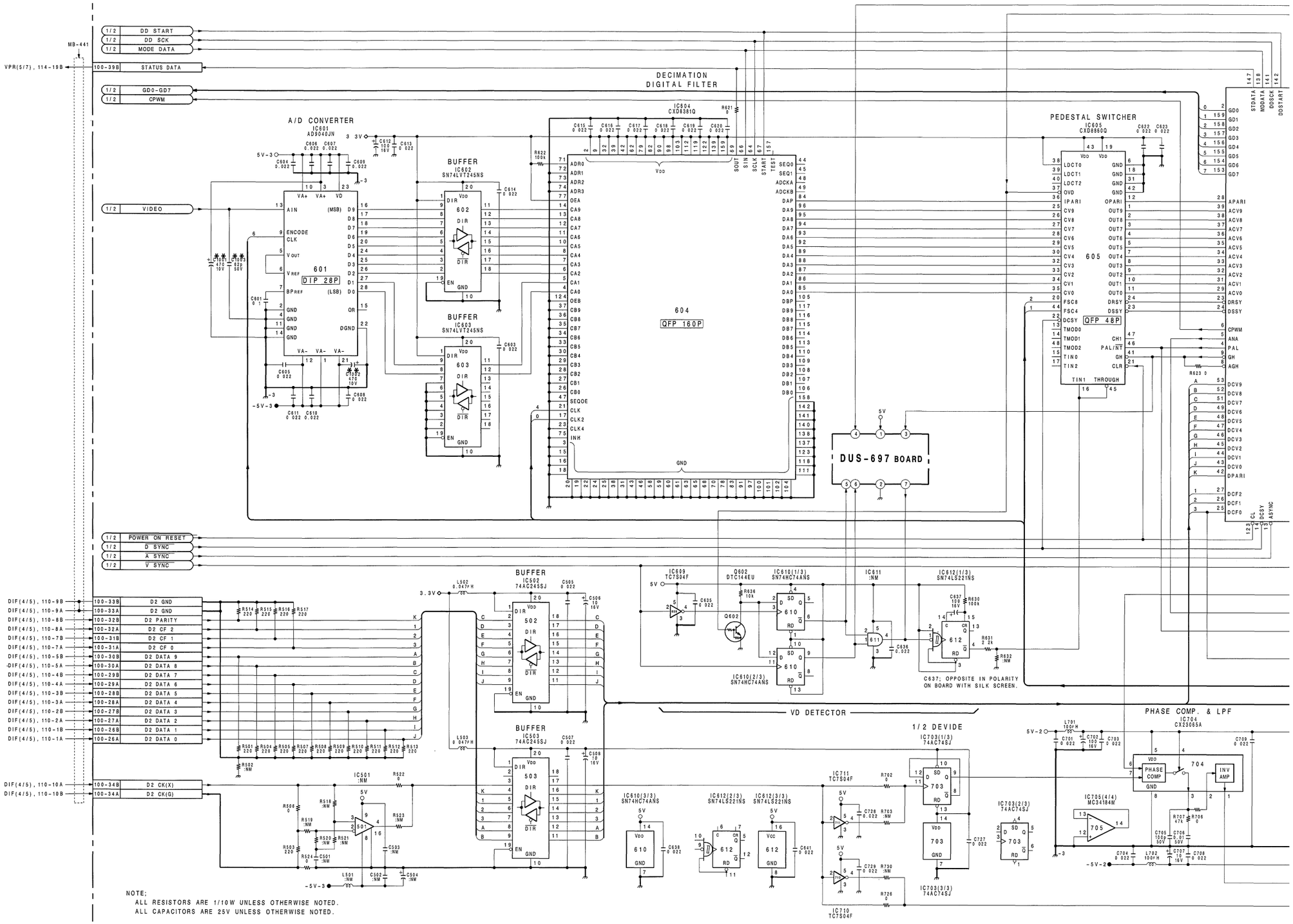
Analog Composite Video Input (EVR, AGC, SYNC Separator)

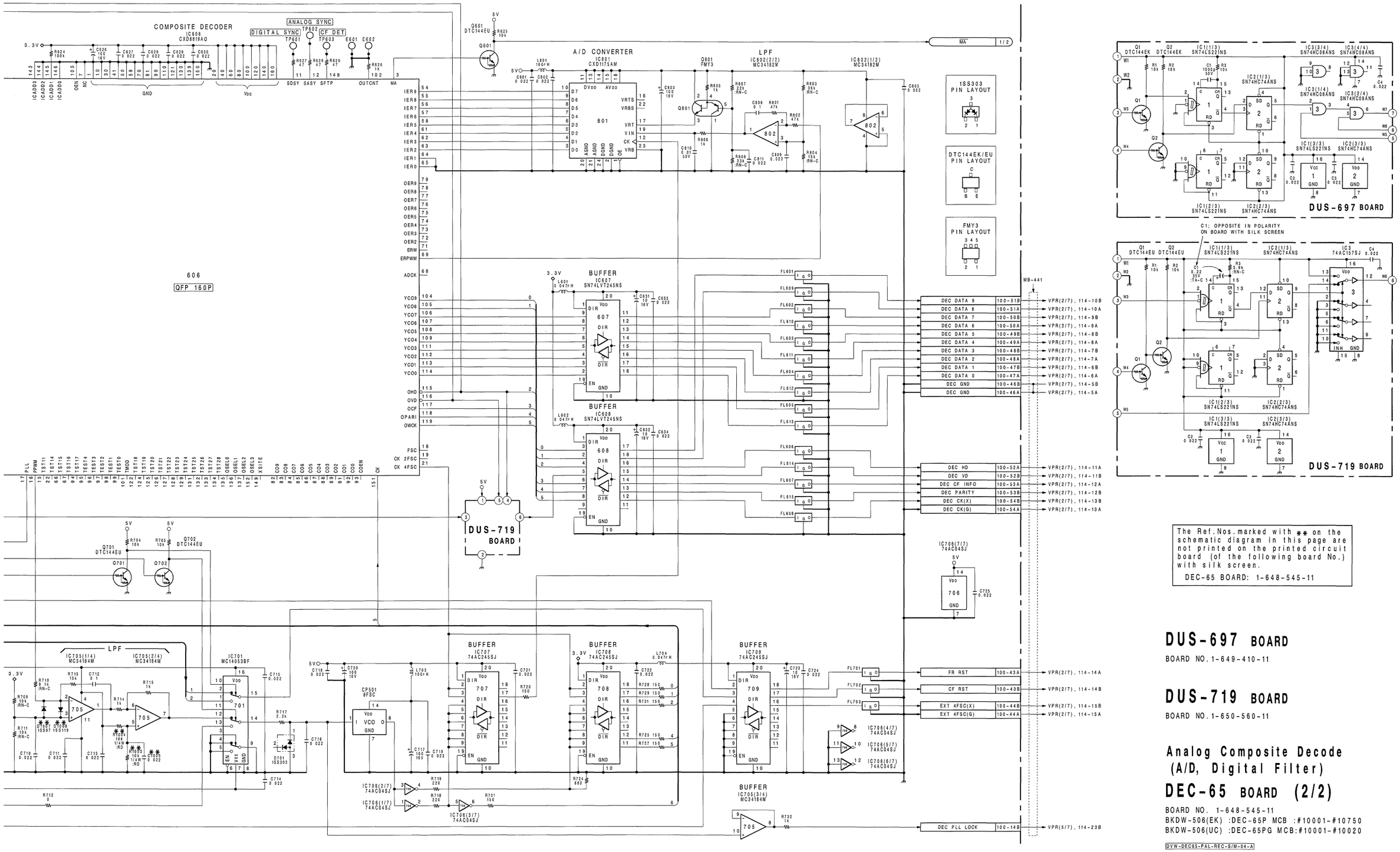
DEC-65 BOARD (1/2)

BOARD NO. 1-648-545-11
BKDW-506(EK) :DEC-65P MCB :#10001-#10750
BKDW-506(UC) :DEC-65PG MCB:#10001-#10020

DVW-DEC65-PAL-REC-S/M-04-A

I J K L M N O P


DECIMATION
DIGITAL FILTER
A/D CONVERTER
IC601
AD9040JN
601
DIP 28P
BUFFER
IC602
SN74LVT245NS
602
BUFFER
IC603
SN74LVT245NS
603
IC604
CXD8381Q
604
QFP 160P
PEDESTAL SWITCHER
IC605
CXD8880Q
605
QFP 48P
DUS-697 BOARD
BUFFER
IC502
74AC245SJ
502
BUFFER
IC503
74AC245SJ
503
VD DETECTOR
1/2 DEVIDE
PHASE COMP. & LPF
IC704
CX23065A
C637; OPPOSITE IN POLARITY
ON BOARD WITH SILK SCREEN.
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 25V UNLESS OTHERWISE NOTED.



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

DEC-65 BOARD: 1-648-545-11

DUS-697 BOARD

BOARD NO. 1-649-410-11

DUS-719 BOARD

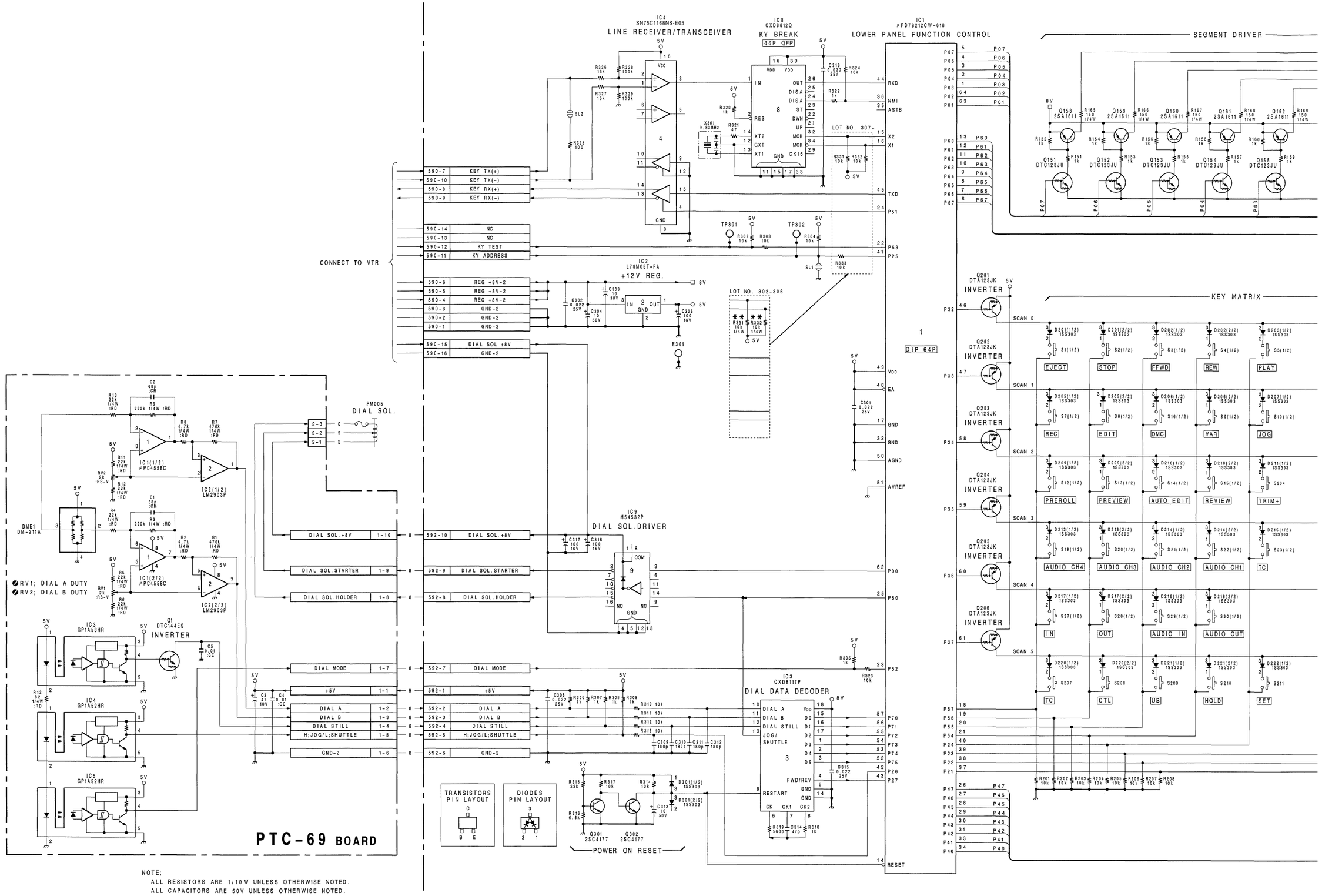
BOARD NO. 1-650-560-11

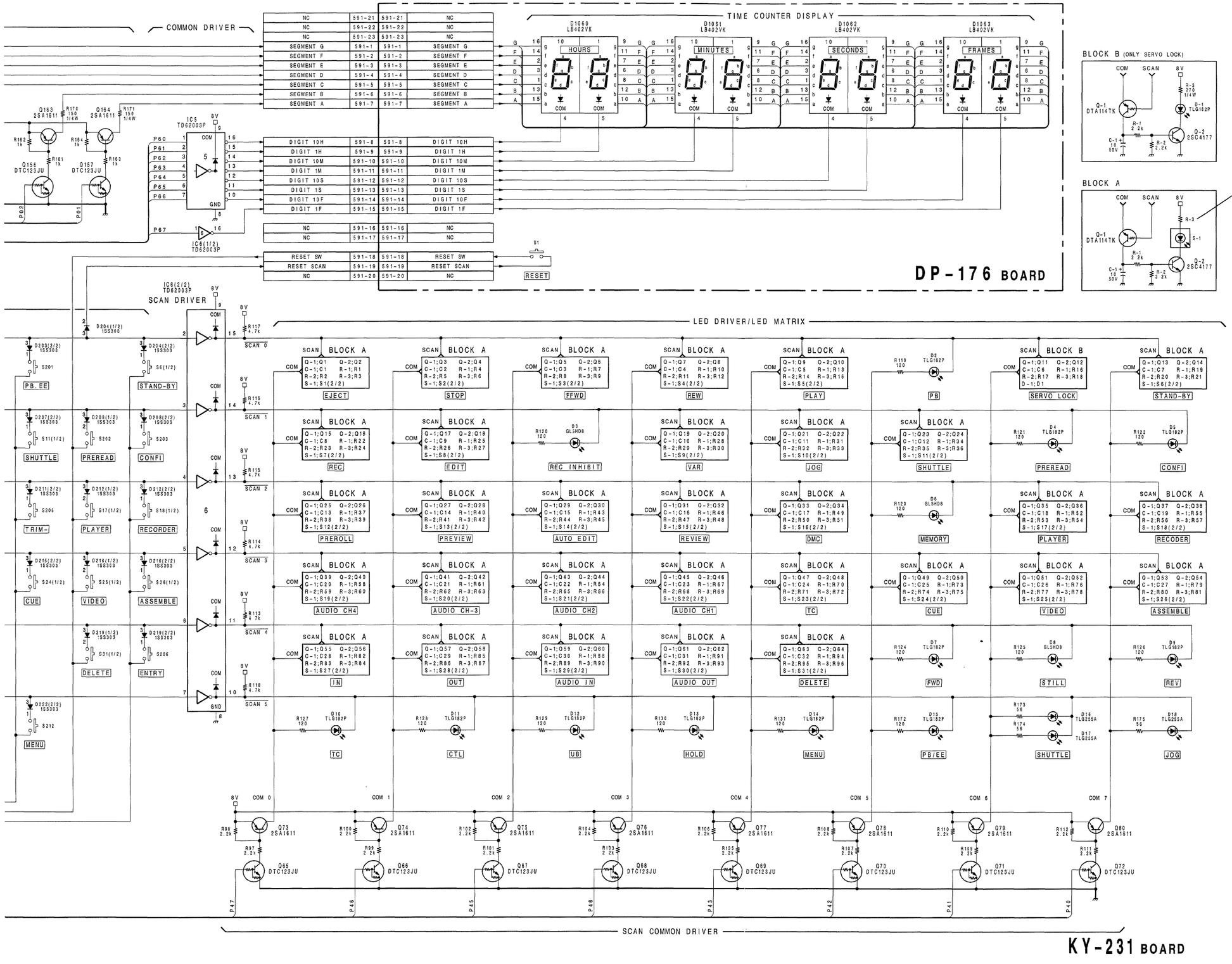
Analog Composite Decode (A/D, Digital Filter)

DEC-65 BOARD (2/2)

BOARD NO. 1-648-545-11
BKDW-506(EK) :DEC-65P MCB :#10001-#10750
BKDW-506(UC) :DEC-65PG MCB:#10001-#10020

DVW-DEC65-PAL-REC-S/M-04-A


IC4
SN75C1168NS-E05
LINE RECEIVER/TRANSCEIVER
IC8
CXD8812Q
KY BREAK
44P QFP
IC1
μPD78212CW-618
LOWER PANEL FUNCTION CONTROL
SEGMENT DRIVER
CONNECT TO VTR
590-7 KEY TX(+)
590-10 KEY TX(-)
590-8 KEY RX(+)
590-9 KEY RX(-)
590-14 NC
590-13 NC
590-12 KY TEST
590-11 KY ADDRESS
590-6 REG +8V-2
590-5 REG +8V-2
590-4 REG +8V-2
590-3 GND-2
590-2 GND-2
590-1 GND-2
590-15 DIAL SOL +8V
590-16 GND-2
IC2
L78M05T-FA
+12V REG.
LOT NO. 307-
LOT NO. 302-306
DIP 64P
Q201 DTA123JK INVERTER
Q202 DTA123JK INVERTER
Q203 DTA123JK INVERTER
Q204 DTA123JK INVERTER
Q205 DTA123JK INVERTER
Q206 DTA123JK INVERTER
KEY MATRIX
SCAN 0
SCAN 1
SCAN 2
SCAN 3
SCAN 4
SCAN 5
EJECT
STOP
FFWD
REW
PLAY
REC
EDIT
DMC
VAR
JOG
PREROLL
PREVIEW
AUTO EDIT
REVIEW
TRIM+
AUDIO CH4
AUDIO CH3
AUDIO CH2
AUDIO CH1
TC
IN
OUT
AUDIO IN
AUDIO OUT
TC
CTL
UB
HOLD
SET
PM005
DIAL SOL.
DME1
DM-211A
RV1; DIAL A DUTY
RV2; DIAL B DUTY
IC1(1/2) μPC4558C
IC1(2/2) μPC4558C
IC2(1/2) LM2903P
IC2(2/2) LM2903P
IC3 GP1A53HR
IC4 GP1A52HR
IC5 GP1A52HR
Q1 DTC144ES INVERTER
DIAL SOL.+8V
DIAL SOL.STARTER
DIAL SOL.HOLDER
DIAL MODE
+5V
DIAL A
DIAL B
DIAL STILL
H;JOG/L;SHUTTLE
GND-2
IC9
M54532P
DIAL SOL.DRIVER
IC3
CXD8117P
DIAL DATA DECODER
TRANSISTORS PIN LAYOUT
DIODES PIN LAYOUT
POWER ON RESET
Q301 2SC4177
Q302 2SC4177
PTC-69 BOARD
NOTE;
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.



The Ref.Nos. marked with ** on the schematic diagram in this page are not printed on the printed circuit board (of the following board No.) with silk screen.

KY-231 BOARD : 1-648-546-11

LOT NO.	BOARD NO.	
	KY-231	DP-176
302-306	1-648-546-11	1-648-547-11
307-402	1-648-546-12	1-648-547-12
403-	1-648-546-13	1-648-547-12

REF NO.	LOT NO.	
	302-402	403-
R3, 6	120	270 1/4W
R9, 12, R15, 21	120	330 1/4W
R24	220 1/4W	270 1/4W
R27	120	330 1/4W
R30, 33, R36	180 1/4W	390 1/4W
R39, 42	120	330 1/4W
R45	220 1/4W	270 1/4W
R48	120	330 1/4W
R51, 54, R57, 60, R63, 66, R69, 72, R75, 78, R81, 84, R87, 90, R93, 96	180 1/4W	390 1/4W

Time Counter Display
DP-176 BOARD

BOARD NO. 1-648-547-12
BOARD' S LOT NO. 501-
BKDW-514 :DP-176 MCB

Jog/Shuttle Dial Sensor
PTC-69 BOARD

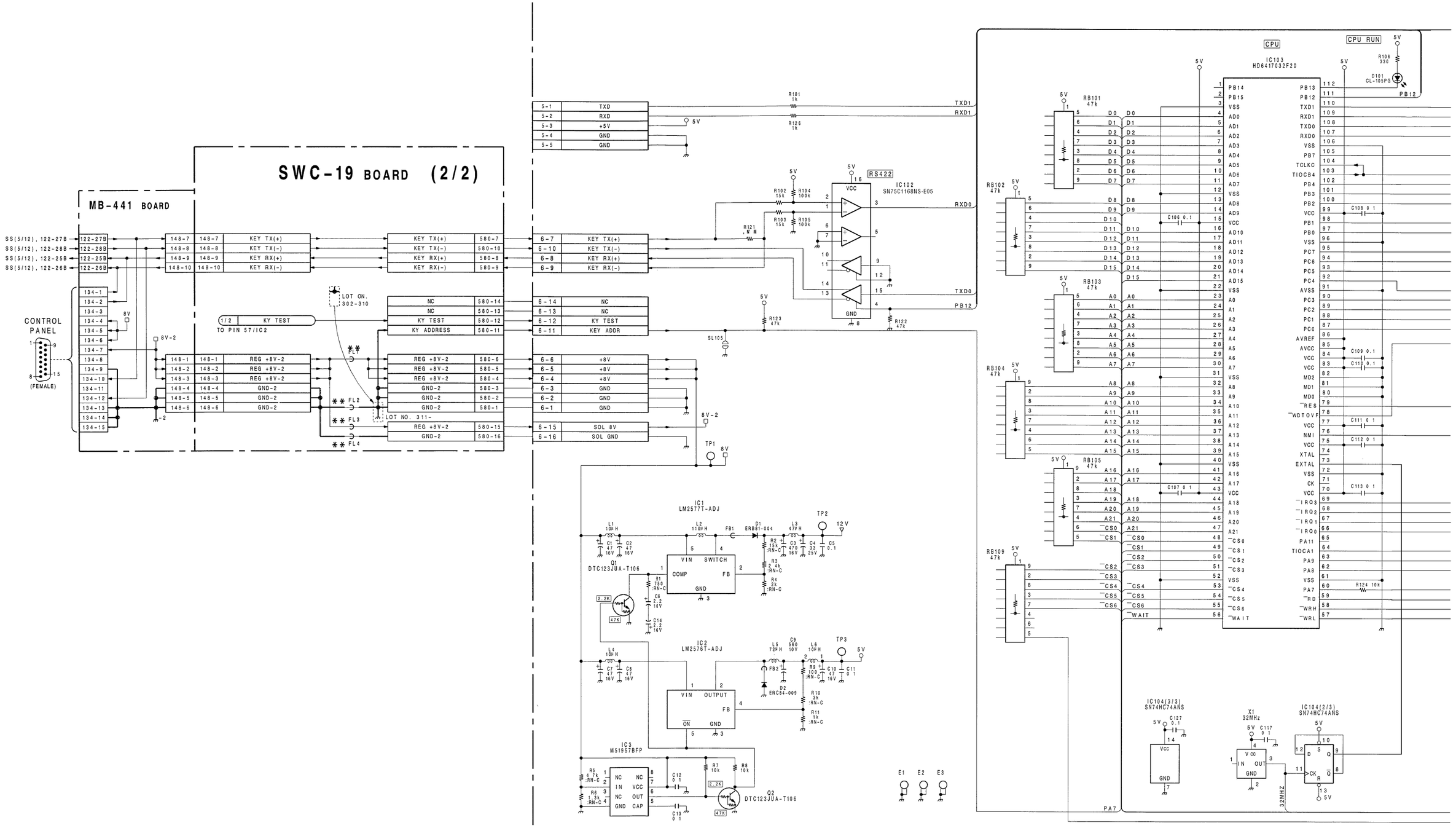
BOARD NO. 1-648-568-12
BKDW-514 :PTC-69 MCB

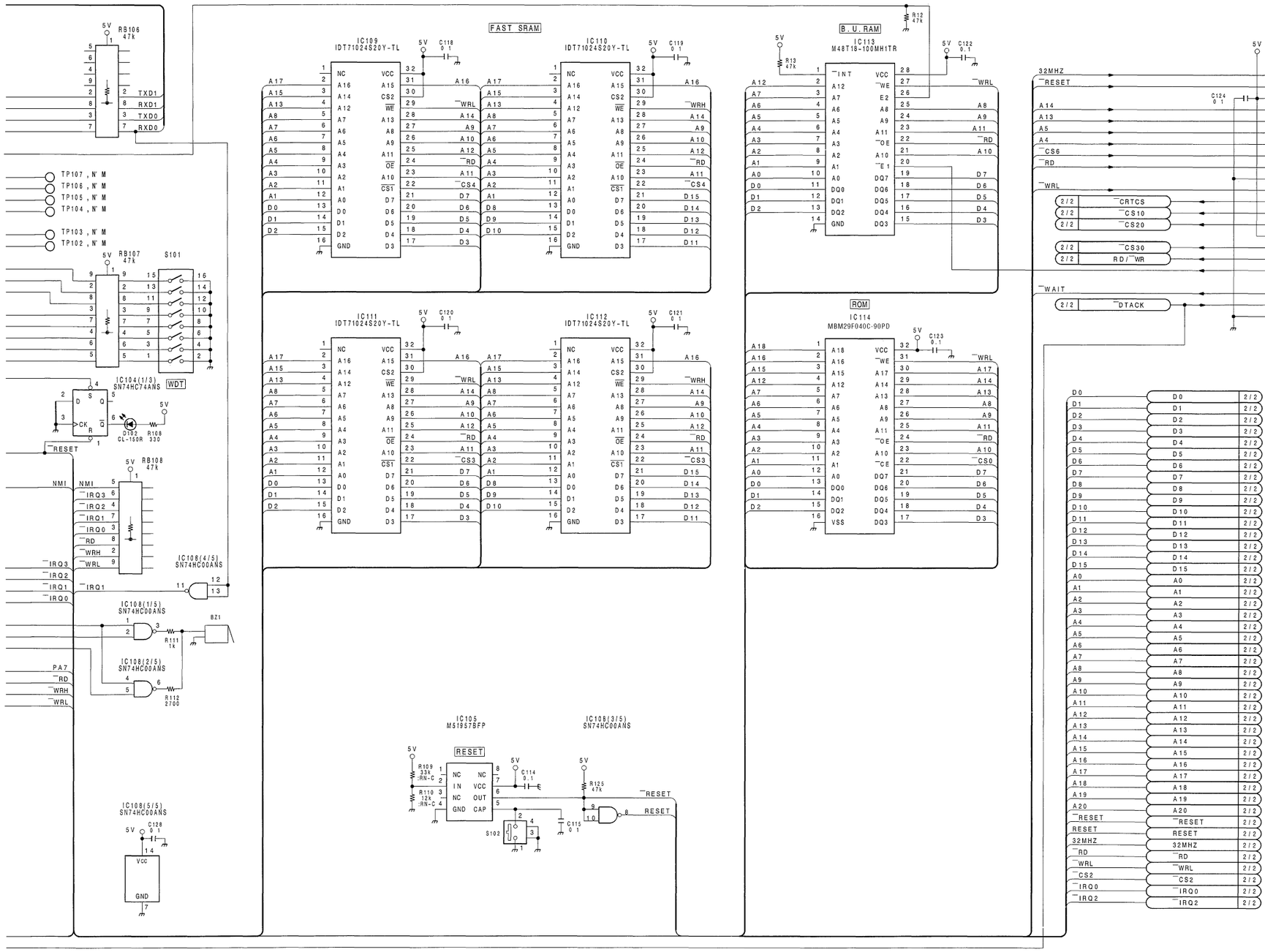
Lower Panel Control
KY-231 BOARD

BOARD NO. 1-648-546-13
BOARD' S LOT NO. 501-
BKDW-514 :KY-231 MCB

BKDW-514 :#10001-

BKDW514-S/M-02


SWC-19 BOARD (2/2)
MB-441 BOARD
CONTROL PANEL
(FEMALE)
SS(5/12), 122-27B
SS(5/12), 122-28B
SS(5/12), 122-25B
SS(5/12), 122-26B
122-27B
122-28B
122-25B
122-26B
KEY TX(+)
KEY TX(-)
KEY RX(+)
KEY RX(-)
LOT ON. 302-310
LOT NO. 311-
1/2 KY TEST
TO PIN 57/IC2
NC
KY TEST
KY ADDRESS
REG +8V-2
GND-2
FL1
FL2
FL3
FL4
5-1 TXD
5-2 RXD
5-3 +5V
5-4 GND
5-5 GND
6-7 KEY TX(+)
6-10 KEY TX(-)
6-8 KEY RX(+)
6-9 KEY RX(-)
6-14 NC
6-13 NC
6-12 KY TEST
6-11 KEY ADDR
6-6 +8V
6-5 +8V
6-4 +8V
6-3 GND
6-2 GND
6-1 GND
6-15 SOL 8V
6-16 SOL GND
R101 1k
R126 1k
TXD1
RXD1
RS422
IC102 SN75C1168NS-E05
R102 15K
R104 100k
R103 15K
R105 100k
R121 J.W.M
R123 47k
R122 47k
RXD0
TXD0
PB12
SL105
TP1
IC1 LM2577T-ADJ
IC2 LM2576T-ADJ
IC3 M51957BFP
Q1 DTC123JUA-T106
Q2 DTC123JUA-T106
D1 ERB81-004
D2 ERC84-009
L1 100μH
L2 110μH
L3 47μH
L4 100μH
L5 72μH
L6 10μH
FB1
FB2
TP2
TP3
12V
VIN SWITCH COMP FB GND
VIN OUTPUT FB ON GND
E1 E2 E3
CPU
IC103 HD6417032F20
CPU RUN
D101 CL-105PG
R106 330
PB12
RB101 47k
RB102 47k
RB103 47k
RB104 47k
RB105 47k
RB109 47k
C106 0.1
C107 0.1
C108 0.1
C109 0.1
C110 0.1
C111 0.1
C112 0.1
C113 0.1
R124 10k
IC104(3/3) SN74HC74ANS
IC104(2/3) SN74HC74ANS
C127 0.1
X1 32MHz
C117 0.1
32MHZ
PA7



Connection

SWC-19 BOARD (2/2)

BOARD NO. 1-648-550-13

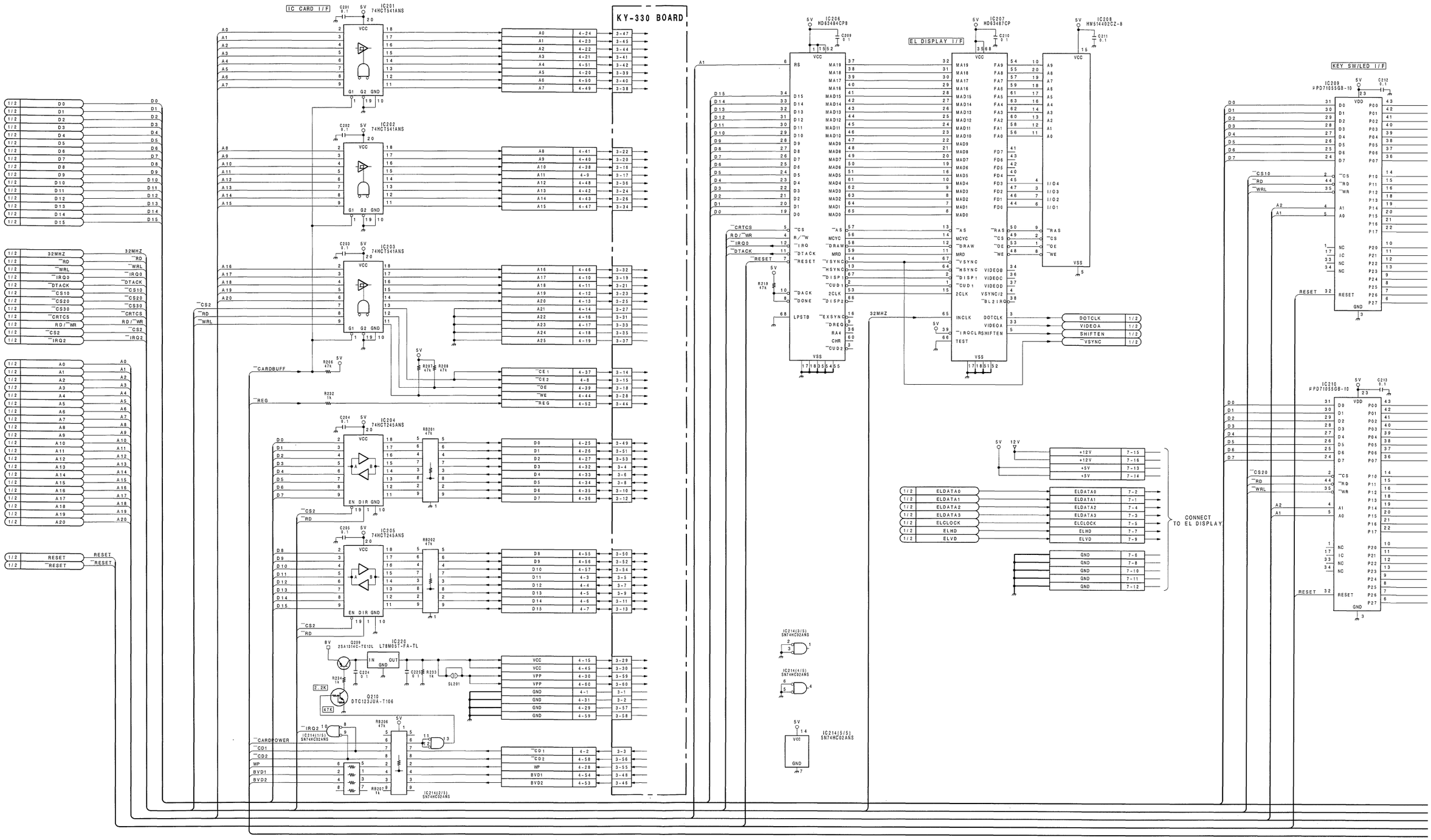
Panel Control CPU, EL Control

CP-266 BOARD (1/2)

BOARD NO. 1-658-037-11, 12
BKDW-515:CP-266 MCB:#10001-

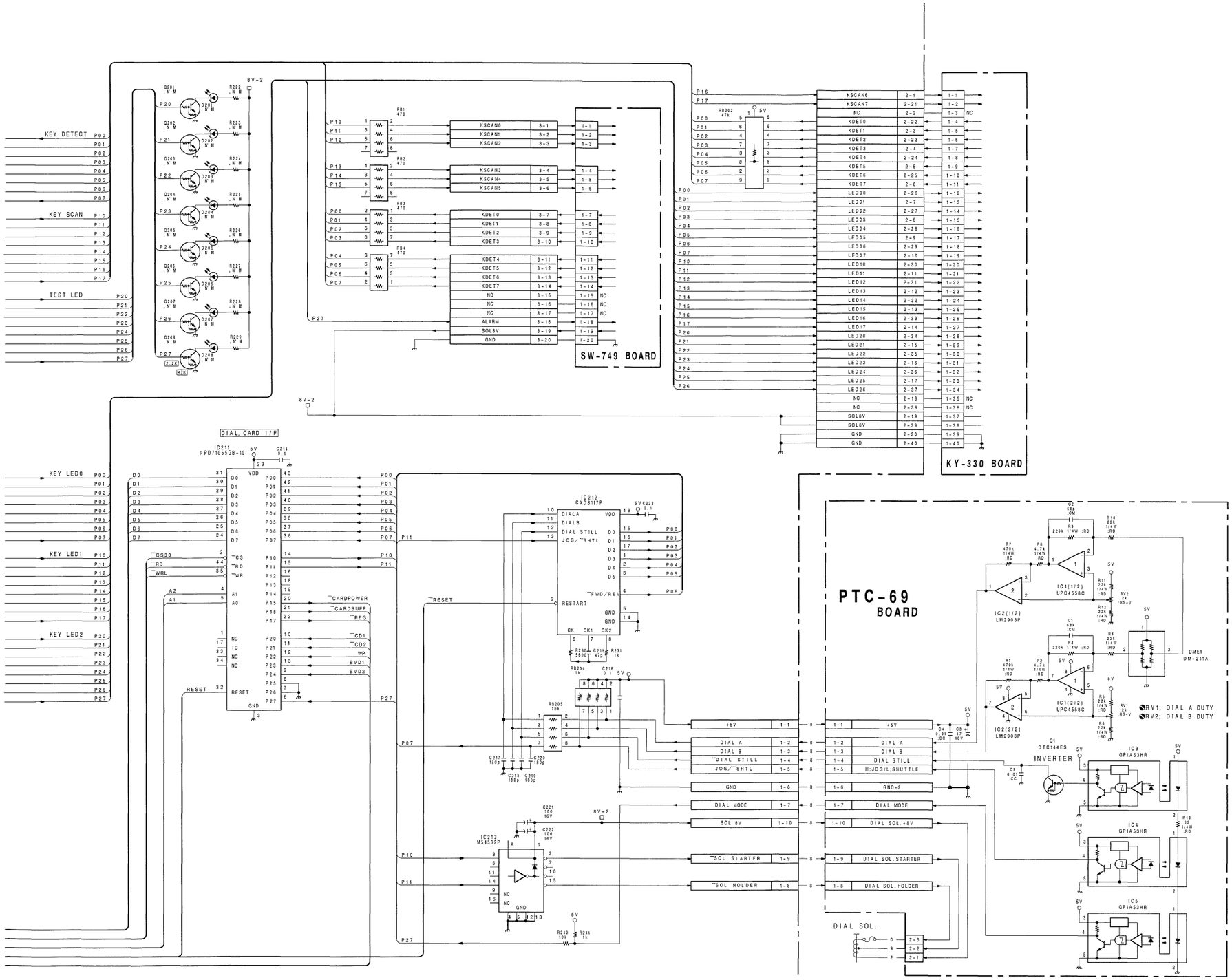
B-4 BKDW515-CP266-11

CP-266 (2/2) BKDW-515



2-16

CP-266 (2/2) BKDW-515



NOTE:
ALL RESISTORS ARE 1/10W UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED

JOG/Shuttle Dial Sensor

PTC-69 BOARD

BOARD NO.1-648-568-12
BKDW-515:PTC-69 MCB

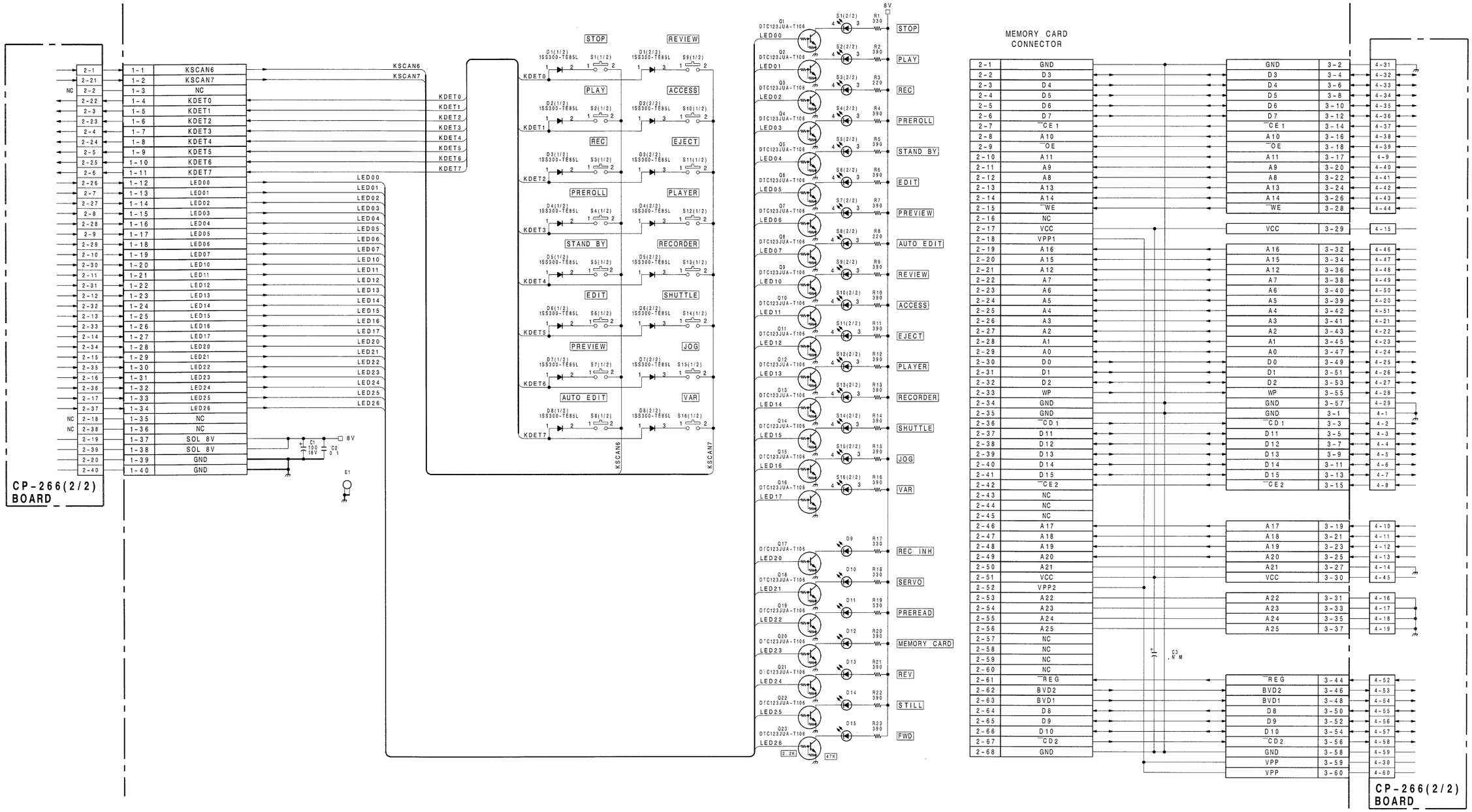
PIO, Memory Card I/F

CP-266 BOARD (2/2)

BOARD NO.1-658-037-11, 12
BKDW-515:CP-266 MCB:#10001-

B-1BKDW515-CP266-11

2-17

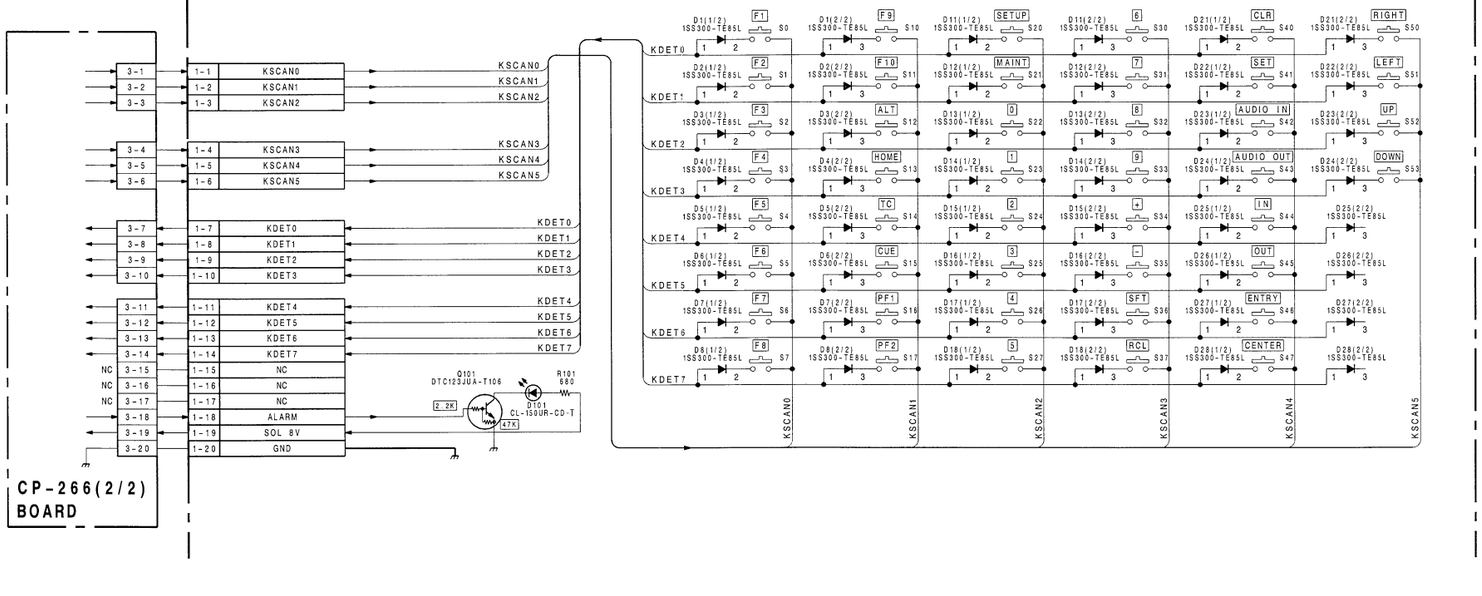


Editing Operation/Tape Transport Control, Memory Card Connector

KY-330 BOARD

BOARD NO. 1-658-036-11
BKDW-515:KY-330 MCB:#10001-

B-1BKDW515-KY330-11



Function Control

SW-749 BOARD

BOARD NO. 1-658-035-11
BKDW-515:SW-749 MCM:#10001-

B-1BKDW515-SW749-11

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SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

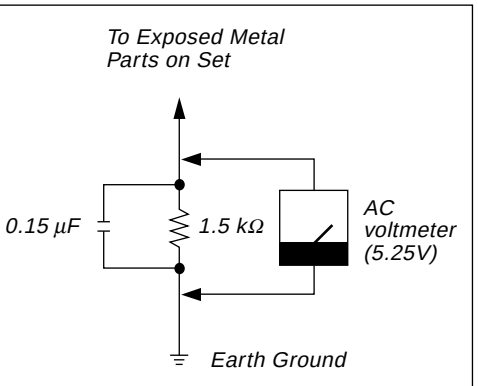

Fig A. Using an AC voltmeter to check AC leakage.

DVW-A500P (EK, UC)
DVW-500P (EK, UC)
DVW-A500P/1 (CE, UC)
DVW-500P/1 (CE, UC) E
9-967-528-06 (1)

Sony Corporation
Communication System Solutions Network Company

Printed in Japan
2000. 12 08
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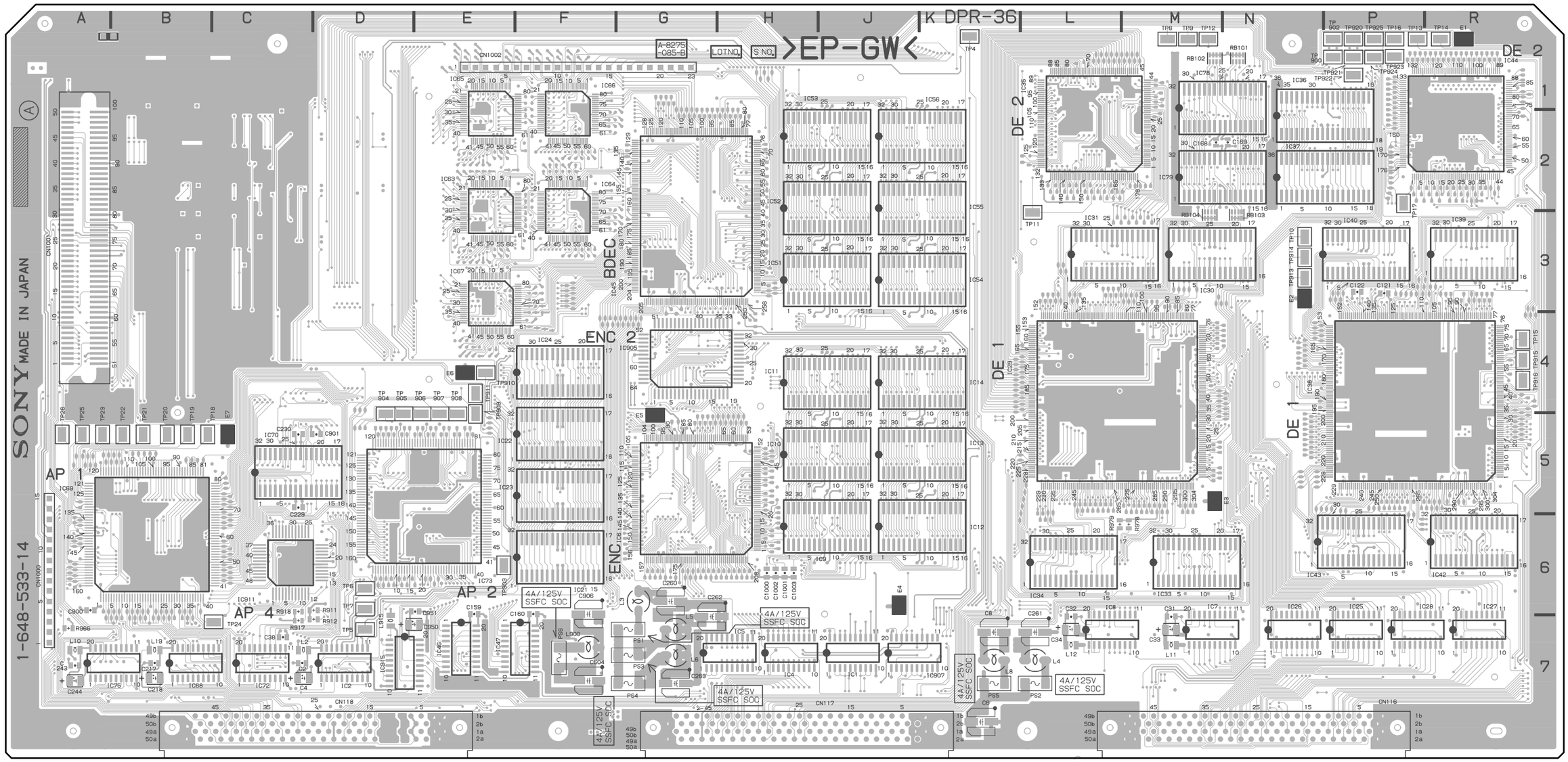
DPR-36 ; Digital data processor (Encode/Decode, Error correction)

(Board's Lot No. 812 and higher)
All recorder models

DPR-36 (1-648-533-14)

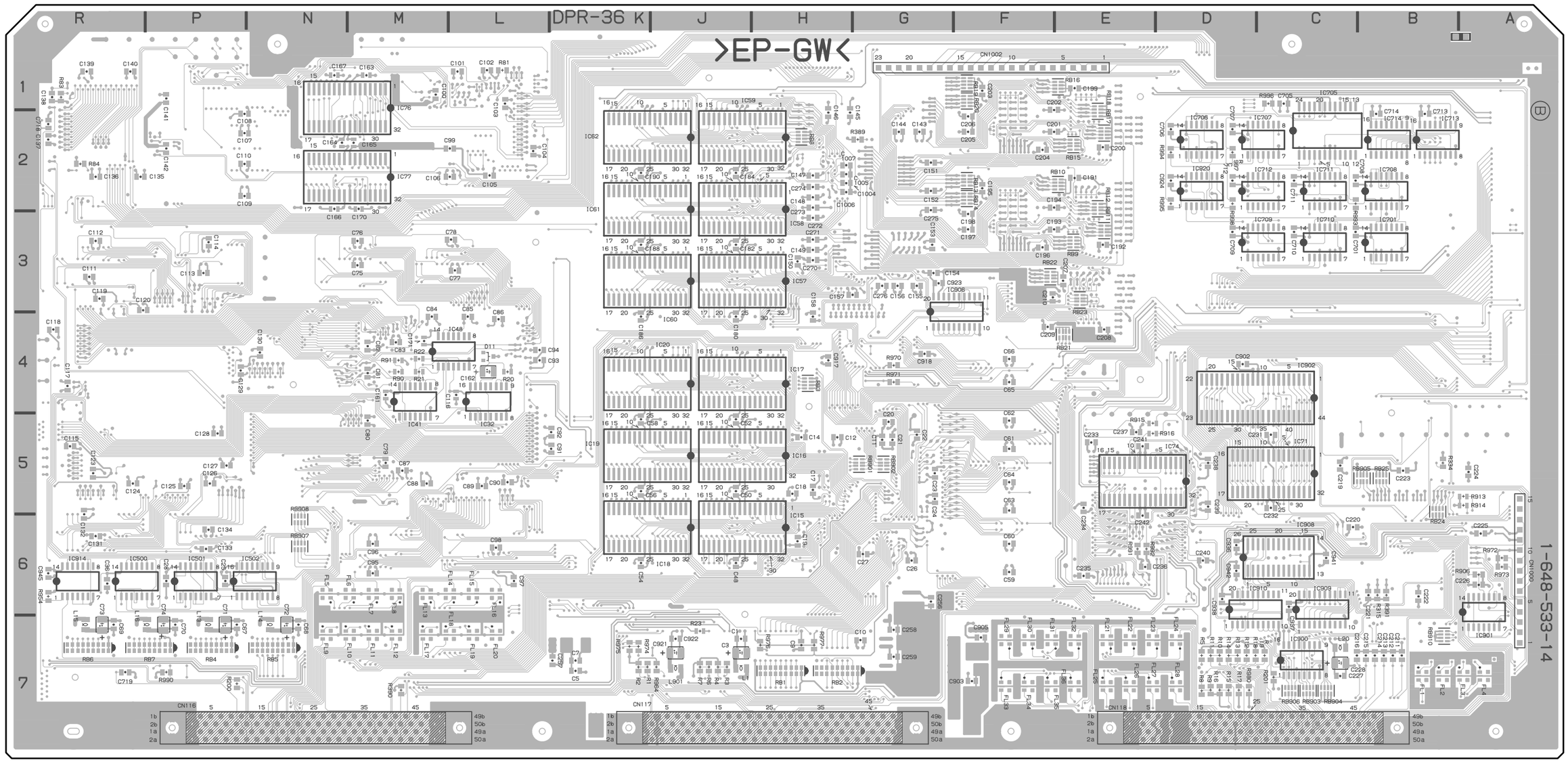
CN116	N7	IC54	J3	TP4	K1
CN117	H7	IC55	J3	TP5	D7
CN118	D7	IC56	J2	TP6	D6
CN1001	A3	IC57	*H3	TP7	D6
		IC58	*H2	TP8	M1
E1	R1	IC59	*H2	TP9	M1
E2	N3	IC60	*J3	TP10	N3
E3	M5	IC61	*J2	TP11	L3
E4	J6	IC62	*J2	TP12	M1
E5	G5	IC63	E3	TP13	P1
E6	E4	IC64	F3	TP14	R1
E7	C5	IC65	E2	TP15	R4
		IC66	F2	TP16	P1
FL1	*B7	IC67	E3	TP17	P2
FL3	*A7	IC68	B7	TP18	B5
FL4	*A7	IC69	B6	TP19	B5
FL5	*N6	IC72	C7	TP20	B5
FL6	*M6	IC73	E5	TP21	B5
FL7	*M6	IC74	*D5	TP22	B5
FL8	*M6	IC75	A7	TP23	A5
FL9	*N7	IC76	*M1	TP24	C7
FL10	*M7	IC77	*M2	TP25	A5
FL11	*M7	IC78	M2	TP26	A5
FL12	*M7	IC79	M2	TP900	P1
FL13	*M6	IC500	*R6	TP902	P1
FL14	*L6	IC501	*P6	TP903	E6
FL15	*L6	IC502	*P6	TP904	D5
FL16	*L6	IC701	*B3	TP905	D5
FL17	*M7	IC705	*C2	TP906	E5
FL18	*L7	IC706	*D2	TP907	E5
FL21	*E7	IC707	*D2	TP908	E5
FL22	*E7	IC708	*B2	TP909	E5
FL23	*E7	IC709	*D3	TP910	E4
FL24	*D7	IC710	*C3	TP911	E4
FL25	*E7	IC711	*C2	TP913	N3
FL26	*E7	IC712	*D2	TP914	N3
FL27	*E7	IC713	*B2	TP915	R4
FL28	*D7	IC714	*B2	TP916	R4
FL29	*F7	IC900	*C7	TP920	P1
FL30	*F7	IC901	*A7	TP921	P1
FL31	*F7	IC902	*C4	TP922	P1
FL32	*E7	IC905	G4	TP923	P1
FL33	*F7	IC906	*G4	TP924	P1
FL34	*F7	IC907	J7	TP925	P1
FL35	*F7	IC910	*D7		
FL36	*E7	IC911	C6	*:B SIDE	
		IC914	*R6		
IC1	J7	IC915	D7		
IC2	D7	IC920	*D2		
IC4	H7				
IC5	G7	PS1	G7		
IC6	G5	PS2	L7		
IC7	M7	PS3	G7		
IC8	L7	PS4	G7		
IC9	H6	PS5	K7		
IC10	H5	PS6	F7		
IC11	H4				
IC12	J6	RB1	*H7		
IC13	J5	RB2	*H7		
IC14	J4	RB3	*H4		
IC15	*H5	RB4	*P7		
IC16	*H5	RB5	*N7		
IC17	*H4	RB6	*R7		
IC18	*J5	RB7	*P7		
IC19	*J5	RB8	*H2		
IC20	*J4	RB9	*E3		
IC21	F6	RB10	*E2		
IC22	F5	RB11	*E3		
IC23	F6	RB12	*E2		
IC24	F4	RB13	*F2		
IC25	P7	RB14	*F2		
IC26	N7	RB15	*E2		
IC27	R7	RB16	*E1		
IC28	P7	RB17	*E2		
IC29	L4	RB18	*E2		
IC30	M3	RB19	*F1		
IC31	L3	RB20	*F1		
IC33	M6	RB21	*E4		
IC34	L6	RB22	*F3		
IC35	L2	RB23	*E3		
IC38	P4	RB24	*B5		
IC39	R3	RB25	*B5		
IC40	P3	RB101	N1		
IC42	R6	RB102	M1		
IC43	P6	RB103	N3		
IC44	R2	RB104	M3		
IC45	G3	RB903	*C7		
IC46	E7	RB904	*C7		
IC47	E7	RB905	*B5		
IC51	H3	RB906	*C7		
IC52	H3	RB907	*N6		
IC53	H2	RB910	*B7		



DPR-36 BOARD -A SIDE-

1-648-533-14 (LOT No. 812 -)

DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36	MCB
DVW-A500P(UC)	; DPR-36	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36	MCB
DVW-500P(UC)	; DPR-36	MCB



DPR-36 BOARD -B SIDE-

1-648-533-14 (LOT No. 812 -)

DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36	MCB
DVW-A500P(UC)	; DPR-36	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36	MCB
DVW-500P(UC)	; DPR-36	MCB

DPR-36 ; Digital data processor (Encode/Decode, Error correction)

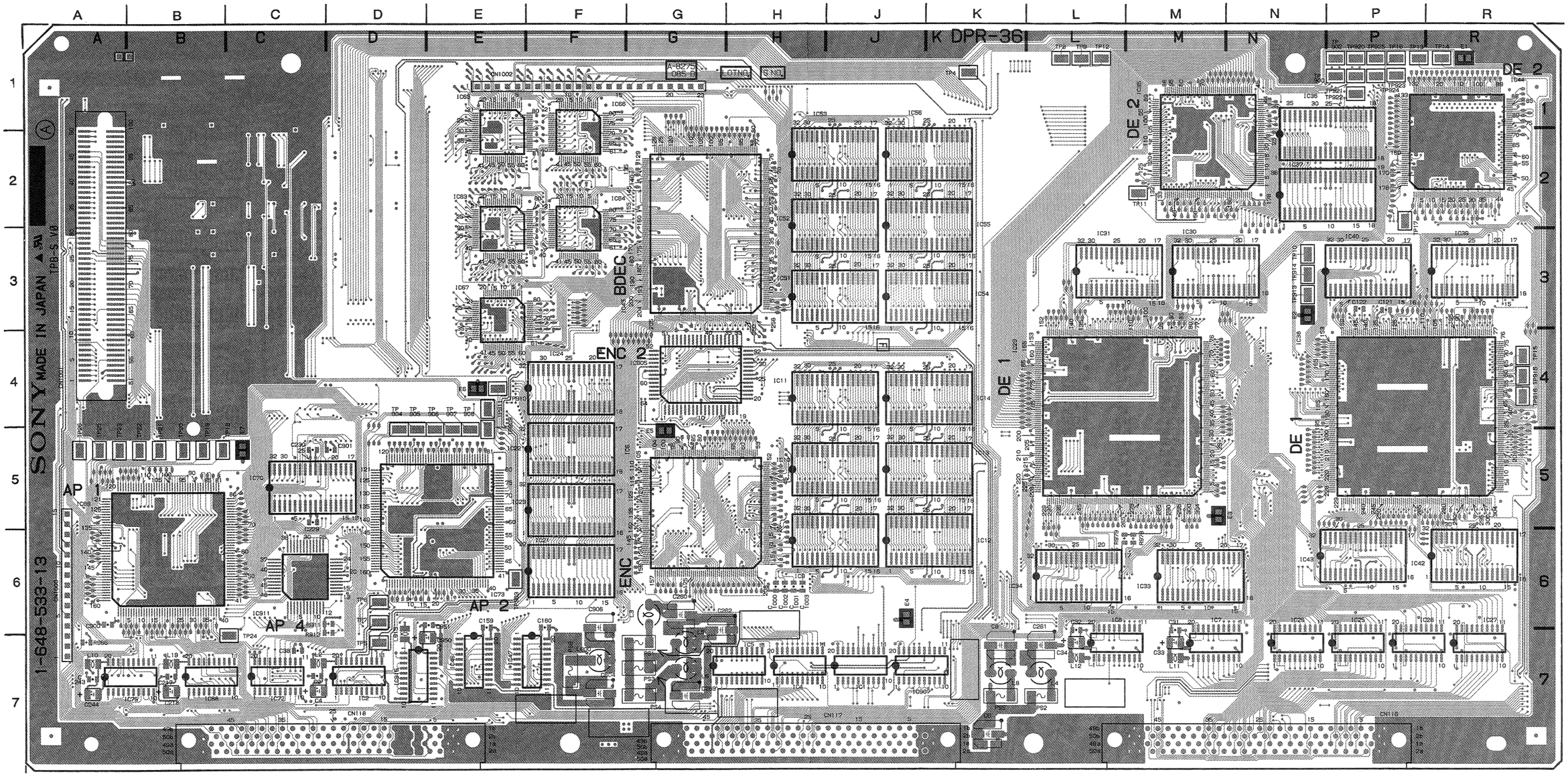
(Board's Lot No. 409 through 811)
All recorder models

DPR-36(1-648-533-13)

CN116	N-7	✱IC17	H-4	✱IC714	B-2	TP15	R-4
CN117	H-7	✱IC18	J-5	✱IC900	C-7	TP16	P-1
CN118	D-7	✱IC19	J-5	✱IC901	A-7	TP17	P-2
CN1000	A-6	✱IC20	J-4	✱IC902	C-4	TP18	B-5
CN1001	A-3	IC21	F-6	IC905	G-4	TP19	B-5
CN1002	F-1	IC22	F-5	✱IC906	G-3	TP20	B-5
		IC23	F-6	IC907	J-7	TP21	B-5
E1	R-1	IC24	F-4	✱IC908	D-6	TP22	B-5
E2	N-3	IC25	P-7	✱IC909	C-7	TP23	A-5
E3	M-5	IC26	N-7	✱IC910	D-7	TP24	C-7
E4	J-6	IC27	R-7	IC911	C-6	TP25	A-5
E5	G-5	IC28	P-7	✱IC914	R-6	TP26	A-5
E6	E-4	IC29	L-4	IC915	D-7	TP900	P-1
E7	C-5	IC30	M-3	✱IC920	D-2	TP902	P-1
		IC31	L-3			TP903	E-6
✱FL1	B-7	IC33	M-6	PS1	G-7	TP904	D-5
✱FL2	B-7	IC34	L-6	PS2	L-7	TP905	D-5
✱FL3	A-7	IC35	M-2	PS3	G-7	TP906	E-5
✱FL4	A-7	IC36	N-2	PS4	G-7	TP907	E-5
✱FL5	N-6	IC37	N-2	PS5	K-7	TP908	E-5
✱FL6	M-6	IC38	P-4	PS6	F-7	TP909	E-5
✱FL7	M-6	IC39	R-3			TP910	E-4
✱FL8	M-6	IC40	P-3	✱RB1	H-7	TP911	E-4
✱FL9	N-7	IC42	R-6	✱RB2	H-7	TP913	N-3
✱FL10	M-7	IC43	P-6	✱RB3	H-4	TP914	N-3
✱FL11	M-7	IC44	R-2	✱RB4	P-7	TP915	R-4
✱FL12	M-7	IC45	G-3	✱RB5	N-7	TP916	R-4
✱FL13	M-6	IC46	E-7	✱RB6	R-7	TP920	P-1
✱FL14	L-6	IC47	E-7	✱RB7	P-7	TP921	P-1
✱FL15	L-6	IC51	H-3	✱RB8	H-2	TP922	P-1
✱FL16	L-6	IC52	H-3	✱RB9	E-3	TP923	P-1
✱FL17	M-7	IC53	H-2	✱RB10	E-2	TP924	P-1
✱FL18	L-7	IC54	J-3	✱RB11	E-3	TP925	P-1
✱FL19	L-7	IC55	J-3	✱RB12	E-2		
✱FL20	L-7	IC56	J-2	✱RB13	F-2		
✱FL21	E-7	✱IC57	H-3	✱RB14	F-2		
✱FL22	E-7	✱IC58	H-2	✱RB15	E-2		
✱FL23	D-7	✱IC59	H-2	✱RB16	E-1		
✱FL24	D-7	✱IC60	J-3	✱RB17	E-2		
✱FL25	E-7	✱IC61	J-2	✱RB18	E-2		
✱FL26	E-7	✱IC62	J-2	✱RB19	F-1		
✱FL27	D-7	IC63	E-3	✱RB20	F-1		
✱FL28	D-7	IC64	F-3	✱RB21	E-4		
✱FL29	F-7	IC65	E-2	✱RB22	F-3		
✱FL30	F-7	IC66	F-2	✱RB23	E-3		
✱FL31	E-7	IC67	E-3	✱RB24	B-5		
✱FL32	E-7	IC68	B-7	✱RB25	B-5		
✱FL33	F-7	IC69	B-6	✱RB901	G-5		
✱FL34	F-7	IC70	C-5	✱RB902	G-5		
✱FL35	E-7	✱IC71	C-5	✱RB903	C-7		
✱FL36	E-7	IC72	C-7	✱RB904	C-7		
		IC73	E-6	✱RB905	B-5		
IC1	J-7	✱IC74	D-5	✱RB906	C-7		
IC2	D-7	IC75	A-7	✱RB907	N-6		
IC4	H-7	✱IC500	R-6	✱RB908	N-5		
IC5	G-7	✱IC501	P-6				
IC6	G-5	✱IC502	P-6	TP4	K-1		
IC7	M-7	✱IC701	B-3	TP5	D-7		
IC8	L-7	✱IC705	C-2	TP6	D-6		
IC9	H-6	✱IC706	D-2	TP7	D-6		
IC10	H-5	✱IC707	D-2	TP8	L-1		
IC11	H-4	✱IC708	B-2	TP9	L-1		
IC12	J-6	✱IC709	D-3	TP10	N-3		
IC13	J-5	✱IC710	C-3	TP11	M-2		
IC14	J-4	✱IC711	C-2	TP12	L-1		
✱IC15	H-5	✱IC712	D-2	TP13	P-1		
✱IC16	H-5	✱IC713	B-2	TP14	R-1		

✱ : B SIDE

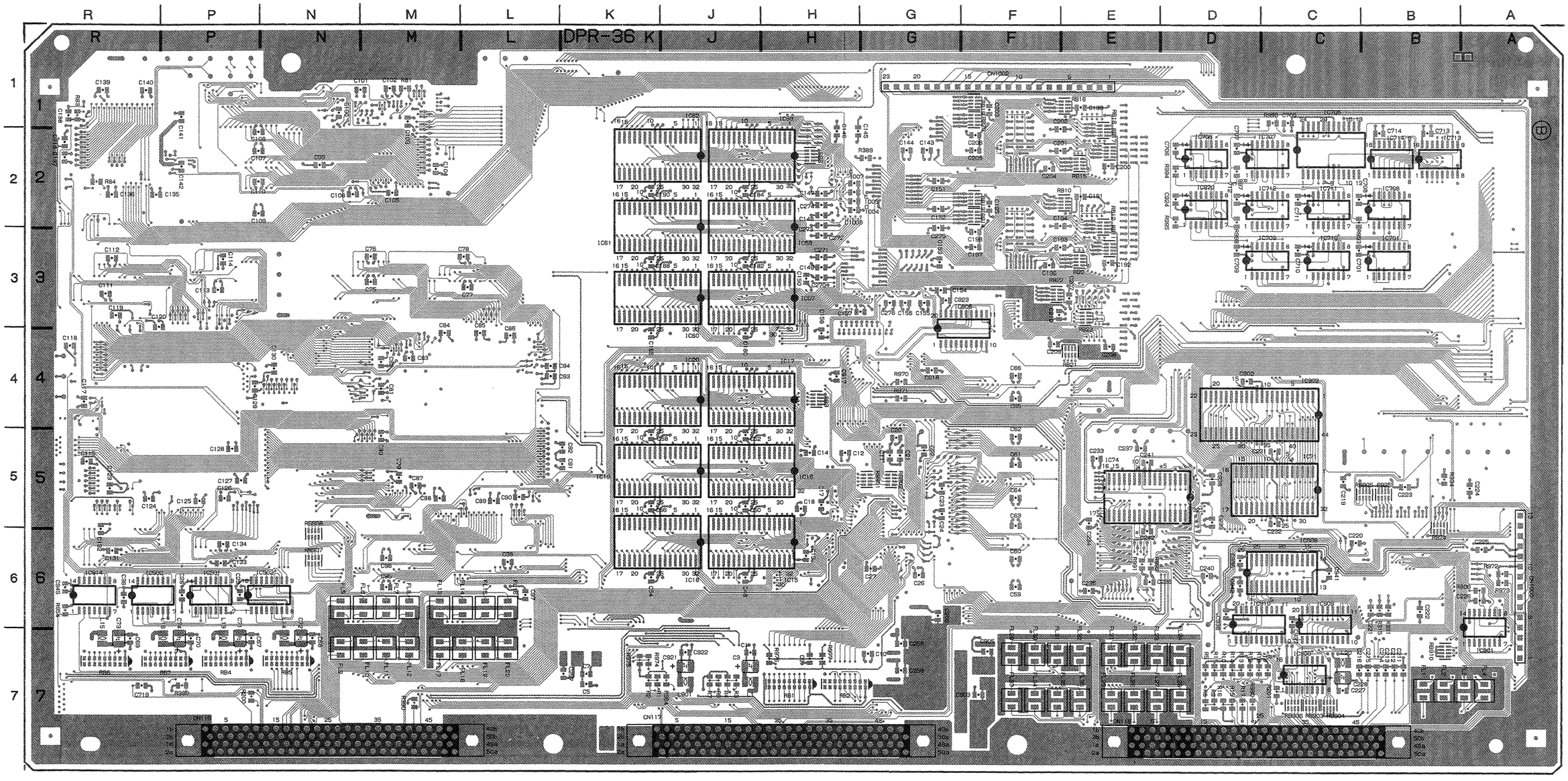
LOT NO. H-1



DPR-36 BOARD -A SIDE-

1-648-533-13 (LOT No. 409 - 811)

DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36P	MCB
DVW-A500P(UC)	; DPR-36PG	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36P	MCB
DVW-500P(UC)	; DPR-36PG	MCB



DPR-36 BOARD -B SIDE-

1-648-533-13 (LOT No. 409 - 811)

DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36P	MCB
DVW-A500P(UC)	; DPR-36PG	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36P	MCB
DVW-500P(UC)	; DPR-36PG	MCB

DPR-36 ; Digital data processor (Encode/Decode, Error correction)

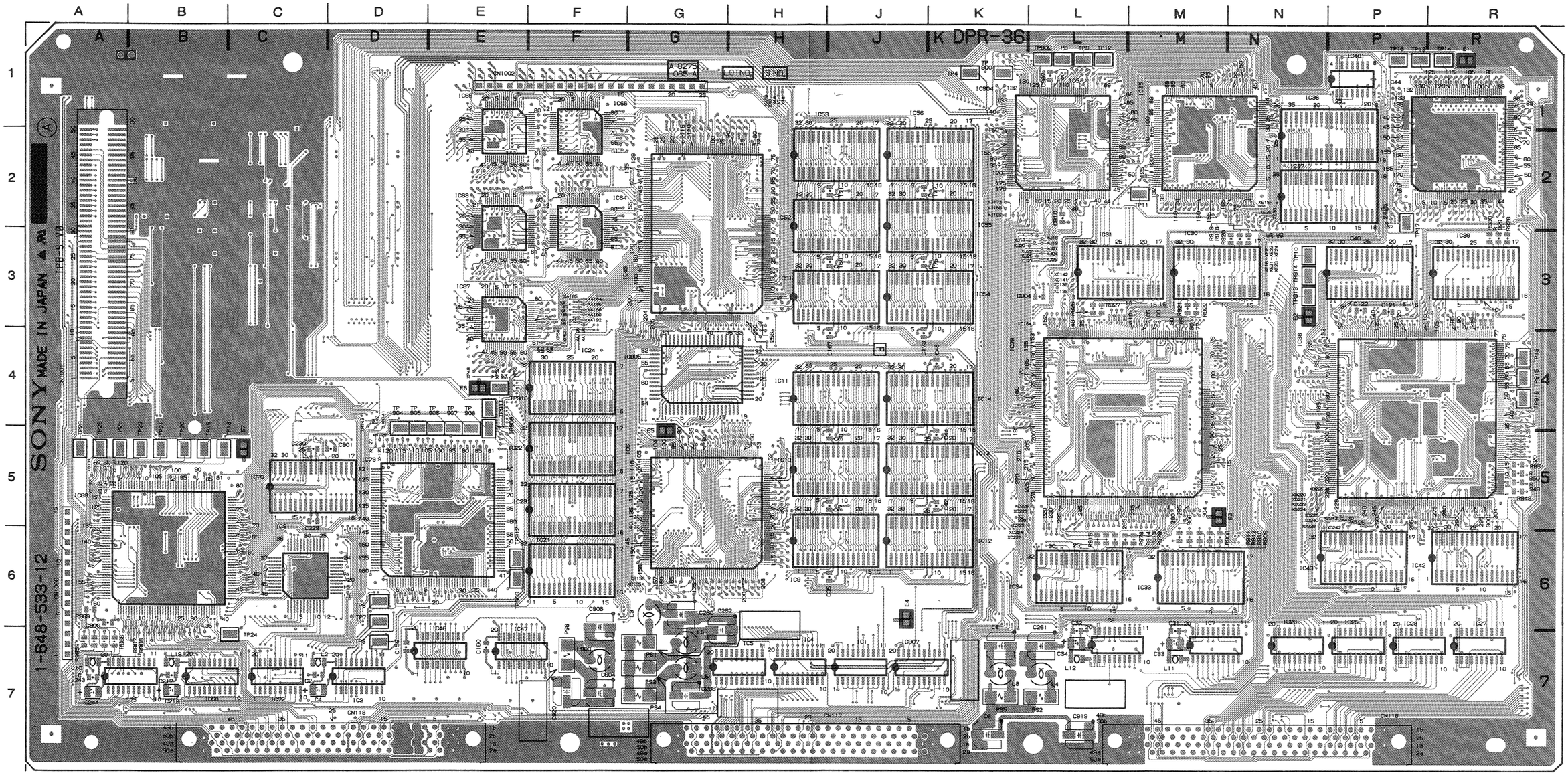
(Board's Lot No. 304 through 409)
All recorder models

DPR-36(1-648-533-12)

CN116	N-7	✱IC15	H-5	✱IC708	B-2	TP14	R-1
CN117	H-7	✱IC16	H-5	✱IC709	D-3	TP15	R-4
CN118	D-7	✱IC17	H-4	✱IC710	C-3	TP16	P-1
CN1000	A-6	✱IC18	J-5	✱IC711	C-2	TP17	P-2
CN1001	A-3	✱IC19	J-5	✱IC712	D-2	TP18	B-5
CN1002	F-1	✱IC20	J-4	✱IC713	B-2	TP19	B-5
		IC21	F-6	✱IC714	B-2	TP20	B-5
E1	R-1	IC22	F-5	✱IC716	B-2	TP21	B-5
E2	N-3	IC23	F-6	✱IC900	C-7	TP22	B-5
E3	M-5	IC24	F-4	✱IC901	A-7	TP23	A-5
E4	J-6	IC25	P-7	✱IC902	C-4	TP24	C-7
E5	G-5	IC26	N-7	✱IC903	K-3	TP25	A-5
E6	E-4	IC27	R-7	IC904	L-2	TP26	A-5
E7	C-5	IC28	P-7	IC905	G-4	TP900	K-1
		IC29	L-4	✱IC906	G-4	TP902	L-1
✱D701	B-2	IC30	M-3	IC907	J-7	TP903	E-6
		IC31	L-3	✱IC908	D-6	TP904	D-5
✱FL1	B-7	IC33	M-6	✱IC909	C-7	TP905	D-5
✱FL2	B-7	IC34	L-6	✱IC910	D-7	TP906	E-5
✱FL3	A-7	IC35	M-2	IC911	C-6	TP907	E-5
✱FL4	A-7	IC36	N-2	✱IC912	L-4	TP908	E-5
✱FL5	N-6	IC37	N-2	✱IC913	P-4	TP909	E-5
✱FL6	M-6	IC38	P-4	✱IC914	R-6	TP910	E-4
✱FL7	M-6	IC39	R-3			TP911	E-4
✱FL8	M-6	IC40	P-3	PS1	G-7	TP912	E-6
✱FL9	N-7	IC42	R-6	PS2	L-7	TP913	N-3
✱FL10	M-7	IC43	P-6	PS3	G-7	TP914	N-3
✱FL11	M-7	IC44	R-2	PS4	G-7	TP915	R-4
✱FL12	M-7	IC45	G-3	PS5	K-7	TP916	R-4
✱FL13	M-6	IC46	D-7	PS6	F-7		
✱FL14	L-6	IC47	E-7				
✱FL15	L-6	IC51	H-3	✱RB1	H-7		
✱FL16	L-6	IC52	H-3	✱RB2	H-7		
✱FL17	M-7	IC53	H-2	✱RB3	H-4		
✱FL18	L-7	IC54	J-3	✱RB4	P-7		
✱FL19	L-7	IC55	J-3	✱RB5	N-7		
✱FL20	L-7	IC56	J-2	✱RB6	R-7		
✱FL21	E-7	✱IC57	H-3	✱RB7	P-7		
✱FL22	E-7	✱IC58	H-2	✱RB8	H-2		
✱FL23	D-7	✱IC59	H-2	✱RB9	E-3		
✱FL24	D-7	✱IC60	J-3	✱RB10	E-2		
✱FL25	E-7	✱IC61	J-2	✱RB11	E-3		
✱FL26	E-7	✱IC62	J-2	✱RB12	E-2		
✱FL27	D-7	IC63	E-3	✱RB13	F-2		
✱FL28	D-7	IC64	F-3	✱RB14	F-2		
✱FL29	F-7	IC65	E-2	✱RB15	E-2		
✱FL30	F-7	IC66	F-2	✱RB16	E-1		
✱FL31	E-7	IC67	E-3	✱RB17	E-2		
✱FL32	E-7	IC68	B-7	✱RB18	E-2		
✱FL33	F-7	IC69	B-6	✱RB19	F-1		
✱FL34	F-7	IC70	C-5	✱RB20	F-1		
✱FL35	E-7	✱IC71	C-5	✱RB21	E-4		
✱FL36	E-7	IC72	C-7	✱RB22	F-3		
		IC73	E-5	✱RB23	E-3		
IC1	J-7	✱IC74	D-5	✱RB24	B-5		
IC2	D-7	IC75	A-7	✱RB25	B-5		
IC4	H-7	IC401	P-1				
IC5	G-7	✱IC500	R-6	TP4	K-1		
IC6	G-5	✱IC501	P-6	TP5	D-7		
IC7	M-7	✱IC502	P-6	TP6	D-6		
IC8	L-7	✱IC701	B-3	TP7	D-6		
IC9	H-6	✱IC702	K-5	TP8	L-1		
IC10	H-5	✱IC703	D-2	TP9	L-1		
IC11	H-4	✱IC704	D-3	TP10	N-3		
IC12	J-6	✱IC705	C-2	TP11	M-2		
IC13	J-5	✱IC706	D-2	TP12	L-1		
IC14	J-4	✱IC707	D-2	TP13	P-1		

✱ : B SIDE

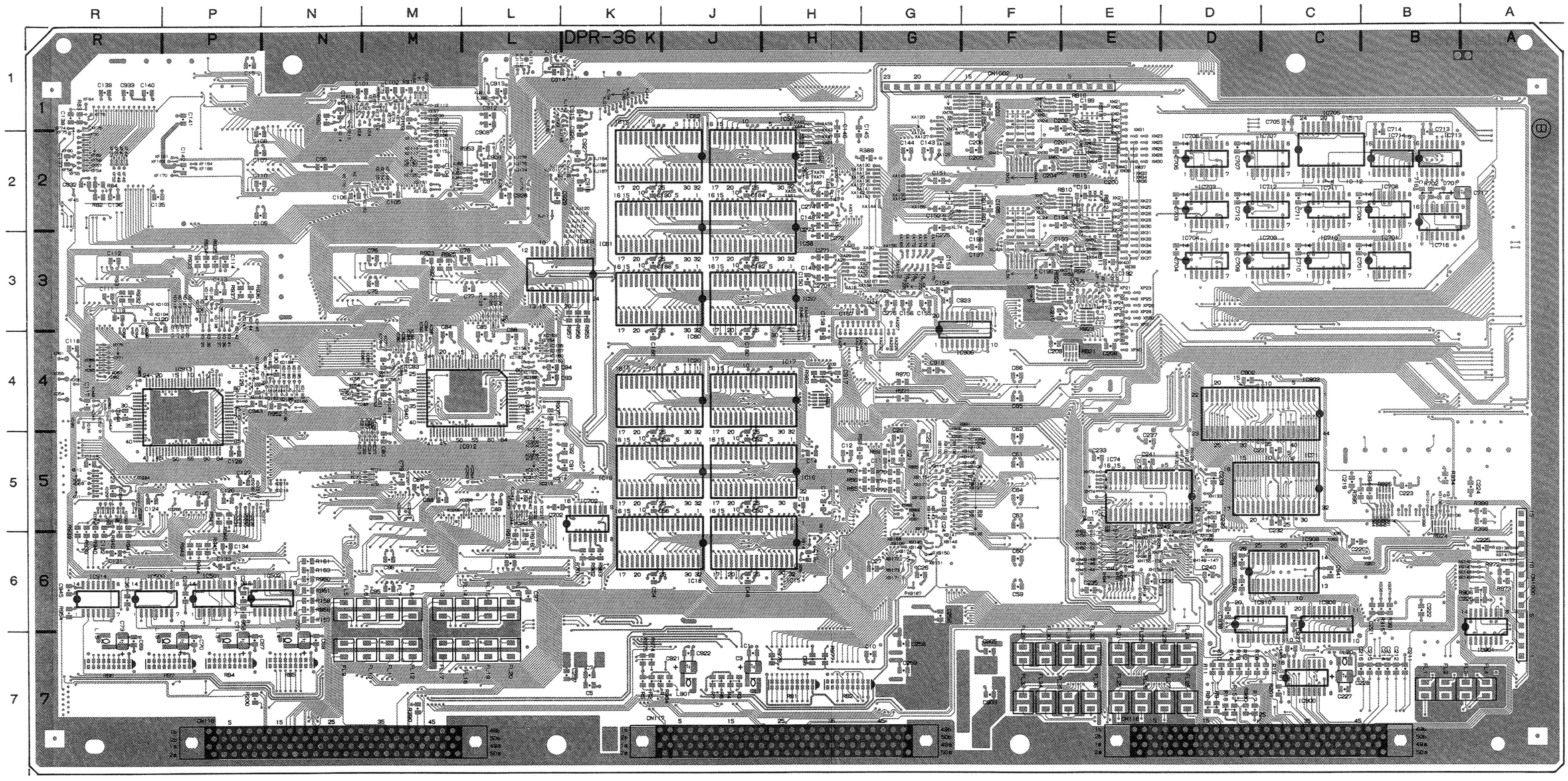
LOT NO. H-1



DPR-36 BOARD -A SIDE-

1-648-533-12 (LOT No. 304 - 409)

DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36P	MCB
DVW-A500P(UC)	; DPR-36PG	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36P	MCB
DVW-500P(UC)	; DPR-36PG	MCB



DPR-36 BOARD -B SIDE-

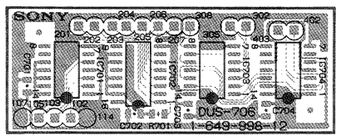
1-648-533-12 (LOT No. 304 - 409)

DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36P	MCB
DVW-A500P(UC)	; DPR-36PG	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36P	MCB
DVW-500P(UC)	; DPR-36PG	MCB

DPR-36, DUS-706/708/712

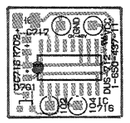
DPR-36 ; Digital data processor (Encode/Decode, Error correction)
DUS-706/708/712

(Board's Lot No. 302 through 303)
All recorder models
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)



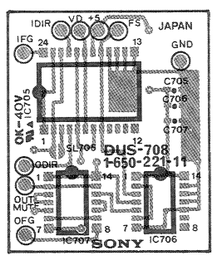
DUS-706 BOARD -A SIDE-

1-649-998-12



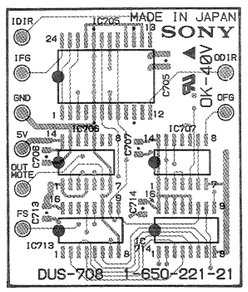
DUS-712 BOARD -A SIDE-

1-650-437-11



DUS-708 BOARD -A SIDE-

1-650-221-11
for PAL models



DUS-708 BOARD -A SIDE-

1-650-221-21
for NTSC models

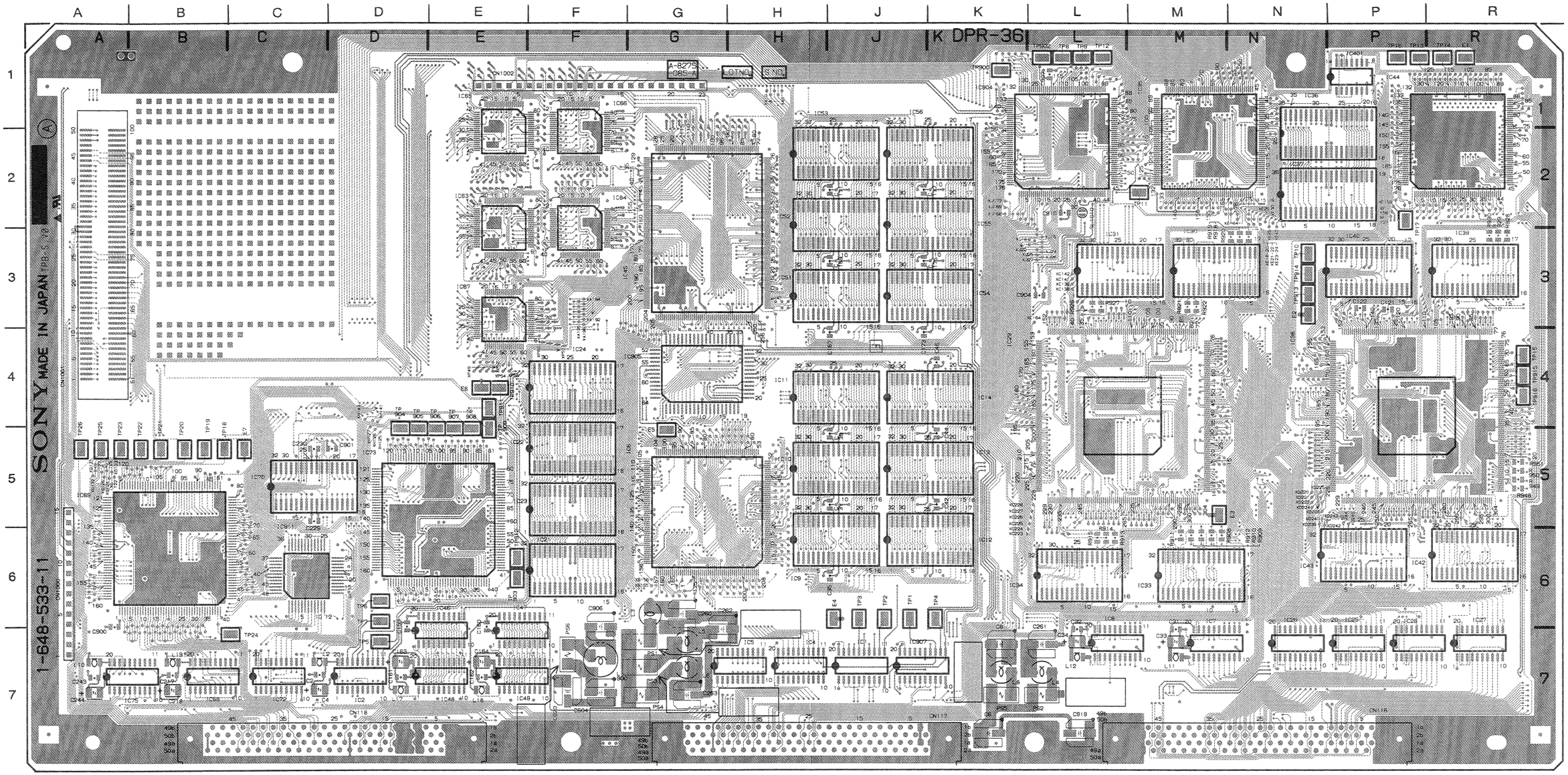
DPR-36(1-648-533-11)

CN116	N-7	IC26	N-7	✱RB4	P-7
CN117	H-7	IC27	R-7	✱RB5	N-7
CN118	D-7	IC28	P-7	✱RB6	R-7
CN1000	A-6	IC29	L-4	✱RB7	P-7
CN1001	A-3	IC30	M-3	✱RB8	H-2
CN1002	F-1	IC31	L-3	✱RB9	E-3
		IC33	M-6	✱RB10	E-2
E1	R-1	IC34	L-6	✱RB11	E-3
E2	N-3	IC35	M-2	✱RB12	E-2
E3	M-5	IC36	N-2	✱RB13	F-2
E4	J-6	IC37	N-2	✱RB14	F-2
E5	G-5	IC38	P-4	✱RB15	E-2
E6	E-4	IC39	R-3	✱RB16	E-1
E7	C-5	IC40	P-3	✱RB17	E-2
		IC42	R-6	✱RB18	E-2
✱FL1	B-7	IC43	P-6	✱RB19	F-1
✱FL2	B-7	IC44	R-2	✱RB20	F-1
✱FL3	A-7	IC45	G-3	✱RB21	E-4
✱FL4	A-7	IC46	D-7	✱RB22	F-3
✱FL5	N-6	IC47	E-7	✱RB23	E-3
✱FL6	M-6	IC48	D-7	✱RB24	B-5
✱FL7	M-6	IC49	E-7	✱RB25	B-5
✱FL8	M-6	IC51	H-3	✱RB26	B-5
✱FL9	N-7	IC52	H-3	✱RB27	B-5
✱FL10	M-7	IC53	H-2		
✱FL11	M-7	IC54	J-3	SL1010	L-2
✱FL12	M-7	IC55	J-3		
✱FL13	M-6	IC56	J-2	TP1	J-6
✱FL14	L-6	✱IC57	H-3	TP2	J-6
✱FL15	L-6	✱IC58	H-2	TP3	J-6
✱FL16	L-6	✱IC59	H-2	TP4	K-6
✱FL17	M-7	✱IC60	J-3	TP5	D-7
✱FL18	L-7	✱IC61	J-2	TP6	D-6
✱FL19	L-7	✱IC62	J-2	TP7	D-6
✱FL20	L-7	IC63	E-3	TP8	L-1
✱FL21	E-7	IC64	F-3	TP9	L-1
✱FL22	E-7	IC65	E-2	TP10	N-3
✱FL23	D-7	IC66	F-2	TP11	M-2
✱FL24	D-7	IC67	E-3	TP12	L-1
✱FL25	E-7	IC68	B-7	TP13	P-1
✱FL26	E-7	IC69	B-6	TP14	R-1
✱FL27	D-7	IC70	C-5	TP15	R-4
✱FL28	D-7	✱IC71	C-5	TP16	P-1
✱FL29	F-7	IC72	C-7	TP17	P-2
✱FL30	F-7	IC73	E-5	TP18	B-5
✱FL31	E-7	✱IC74	D-5	TP19	B-5
✱FL32	E-7	IC75	A-7	TP20	B-5
✱FL33	F-7	IC401	P-1	TP21	B-5
✱FL34	F-7	✱IC500	R-6	TP22	B-5
✱FL35	E-7	✱IC501	P-6	TP23	A-5
✱FL36	E-7	✱IC502	P-6	TP24	C-7
		✱IC900	C-7	TP25	A-5
IC1	J-7	✱IC901	A-7	TP26	A-5
IC2	D-7	✱IC902	C-4	TP900	K-1
IC4	H-7	✱IC903	K-3	TP902	L-1
IC5	G-7	IC904	L-2	TP903	E-6
IC6	G-5	IC905	G-4	TP904	D-5
IC7	M-7	✱IC906	G-4	TP905	D-5
IC8	L-7	IC907	J-7	TP906	E-5
IC9	H-6	✱IC908	D-6	TP907	E-5
IC10	H-5	✱IC909	C-7	TP908	E-5
IC11	H-4	✱IC910	D-7	TP909	E-5
IC12	J-6	IC911	C-6	TP910	E-4
IC13	J-5	✱IC912	L-4	TP911	E-4
IC14	J-4	✱IC913	P-4	TP912	E-6
✱IC15	H-5			TP913	N-3
✱IC16	H-5	PS1	G-7	TP914	N-3
✱IC17	H-4	PS2	L-7	TP915	R-4
✱IC18	J-5	PS3	G-7	TP916	R-4
✱IC19	J-5	PS4	G-7		
✱IC20	J-4	PS5	K-7		
IC21	F-6	PS6	F-7		
IC22	F-5				
IC23	F-6	✱RB1	H-7		
IC24	F-4	✱RB2	H-7		
IC25	P-7	✱RB3	H-4		

✱ : B SIDE

LOT NO. H-1

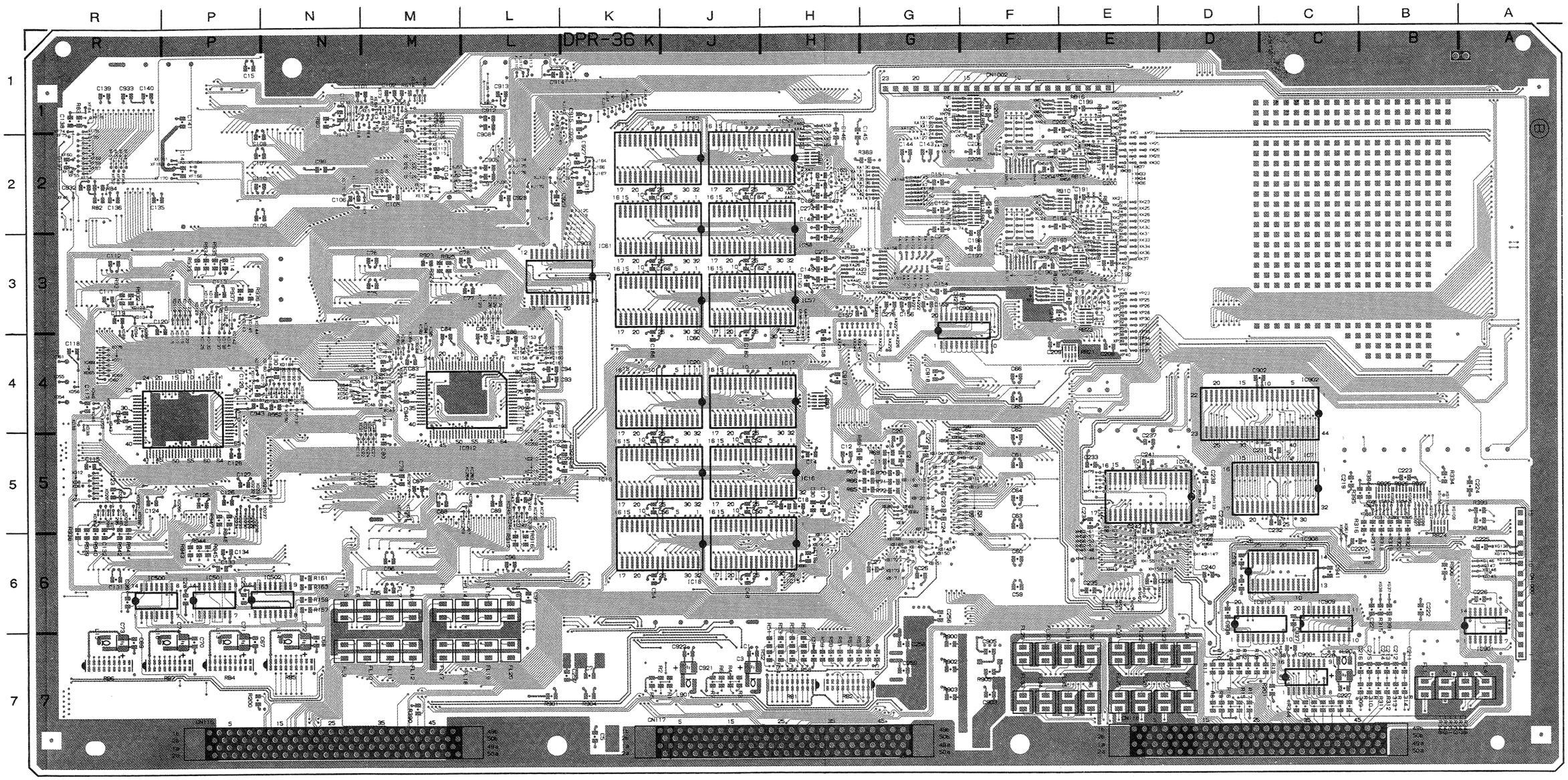
1-33 (a)



DPR-36 BOARD -A SIDE-

1-648-533-11 (LOT No. 302 - 303)

DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36P	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36P	MCB



DPR-36 BOARD -B SIDE-

1-648-533-11 (LOT No. 302 - 303)

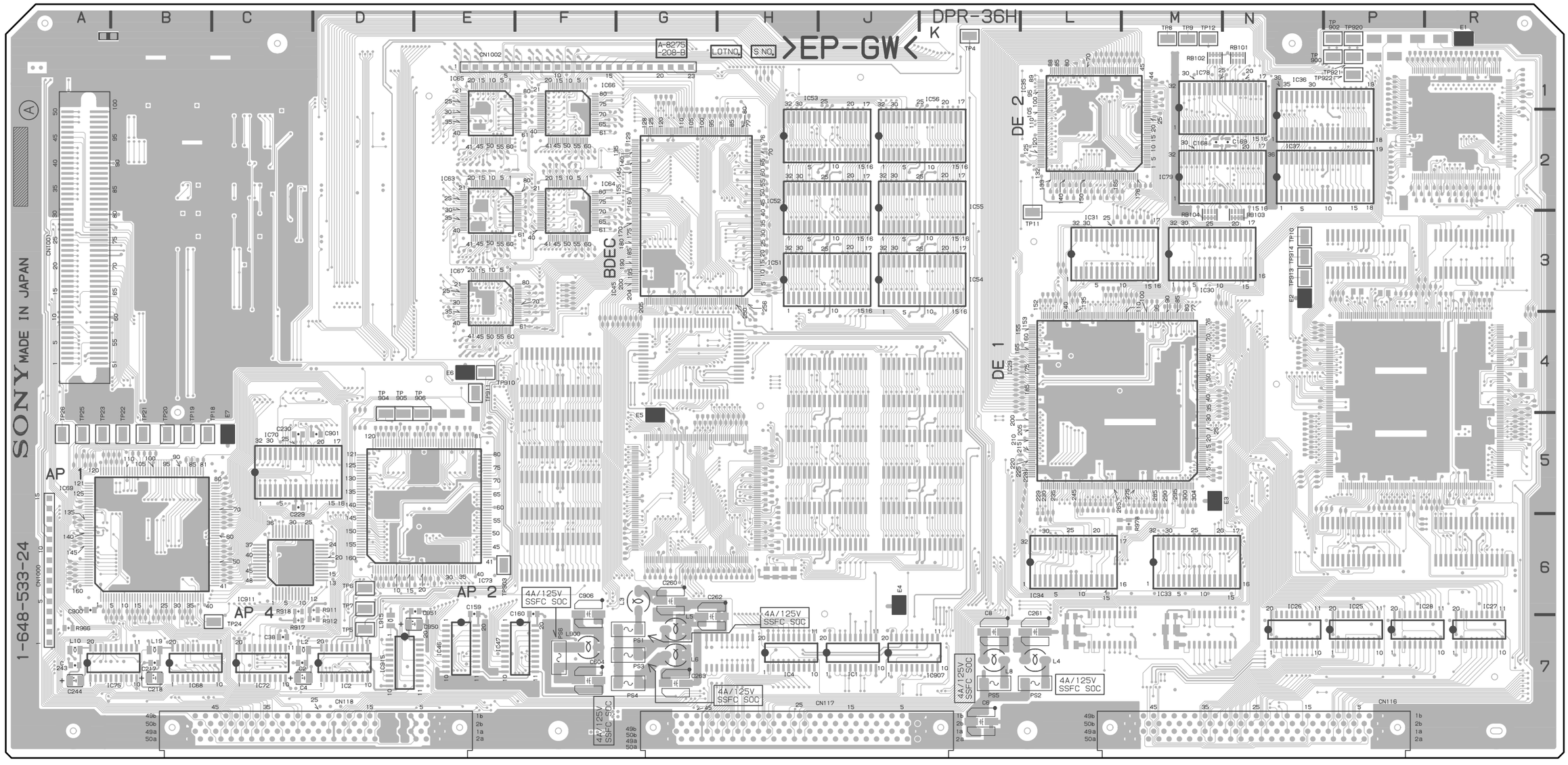
DVW-A500(J)	; DPR-36	MCB
DVW-A500(UC)	; DPR-36	MCB
DVW-A500P(EK)	; DPR-36P	MCB
DVW-500(J)	; DPR-36	MCB
DVW-500(UC)	; DPR-36	MCB
DVW-500P(EK)	; DPR-36P	MCB

DPR-36H ; Digital data processor (Decode, Error correction)

(Board's Lot No. 812 and higher)
All player models

DPR-36H (1-648-533-24)

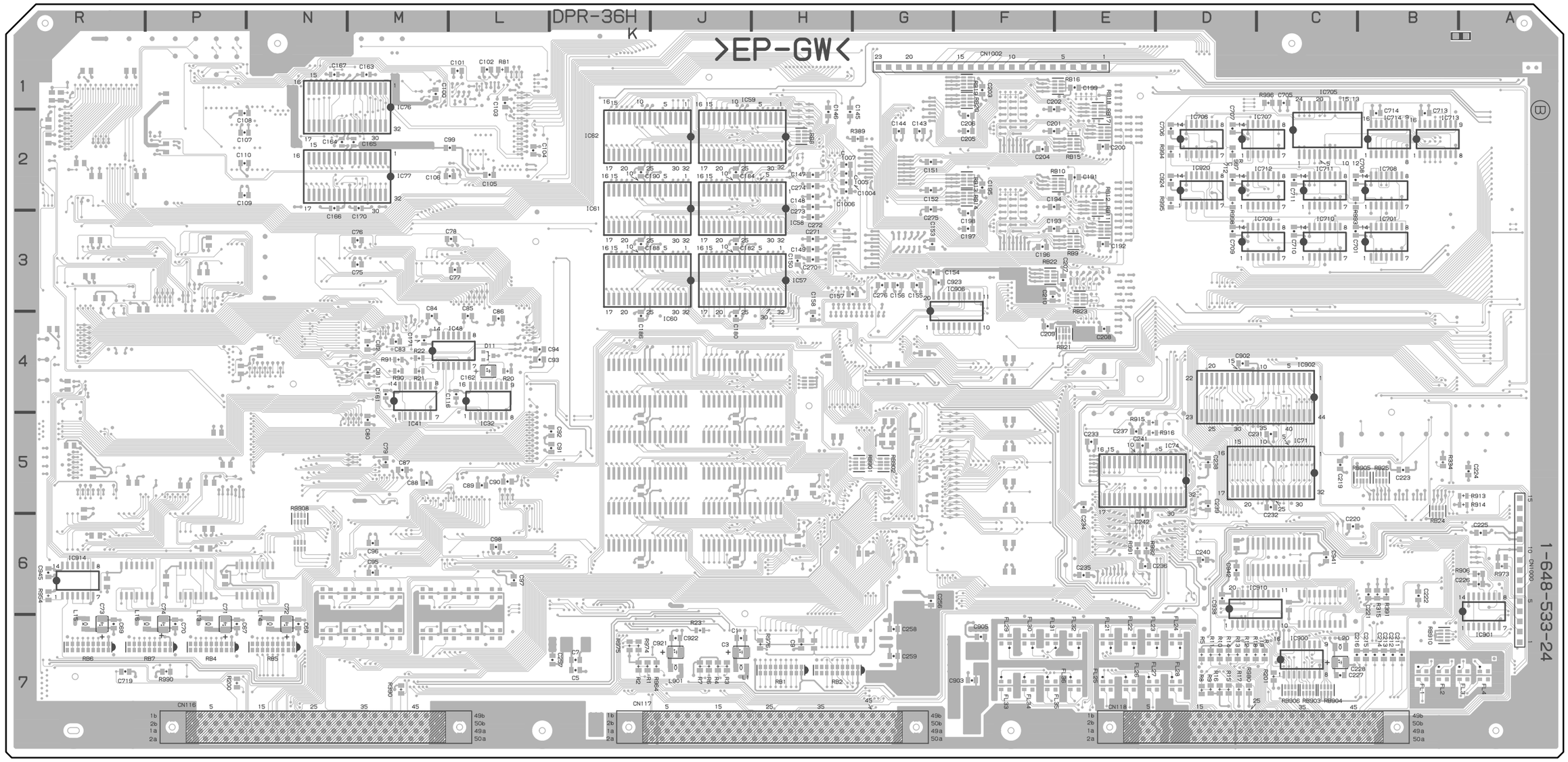
CN116	N7	IC910	*D7
CN117	H7	IC911	C6
CN118	D7	IC914	*R6
CN1001	A3	IC915	D7
		IC920	*D2
E1	R1		
E2	N3	PS1	G7
E3	M5	PS2	L7
E4	J6	PS3	G7
E5	G5	PS4	G7
E6	E4	PS5	K7
E7	C5	PS6	F7
FL1	*B7	RB1	*H7
FL3	*A7	RB2	*H7
FL4	*A7	RB4	*P7
FL21	*E7	RB5	*N7
FL22	*E7	RB6	*R7
FL23	*E7	RB7	*P7
FL24	*D7	RB8	*H2
FL25	*E7	RB9	*E3
FL26	*E7	RB10	*E2
FL27	*E7	RB11	*E3
FL28	*D7	RB12	*E2
FL29	*F7	RB13	*F2
FL30	*F7	RB14	*F2
FL31	*F7	RB15	*E2
FL32	*E7	RB16	*E1
FL33	*F7	RB17	*E2
FL34	*F7	RB18	*E2
FL35	*F7	RB19	*F1
FL36	*E7	RB20	*F1
		RB21	*E4
IC1	J7	RB22	*F3
IC2	D7	RB23	*E3
IC4	H7	RB24	*B5
IC25	P7	RB25	*B5
IC26	N7	RB101	N1
IC27	R7	RB102	M1
IC28	P7	RB103	N3
IC29	L4	RB104	M3
IC30	M3	RB901	*G5
IC31	L3	RB902	*G5
IC33	M6	RB903	*C7
IC34	L6	RB904	*C7
IC35	L2	RB905	*B5
IC45	G3	RB906	*C7
IC46	E7	RB908	*N6
IC47	E7	RB910	*B7
IC51	H3		
IC52	H3	TP4	K1
IC53	H2	TP5	D7
IC54	J3	TP6	D6
IC55	J3	TP7	D6
IC56	J2	TP8	M1
IC57	*H3	TP9	M1
IC58	*H2	TP10	N3
IC59	*H2	TP11	L3
IC60	*J3	TP12	M1
IC61	*J2	TP18	B5
IC62	*J2	TP19	B5
IC63	E3	TP20	B5
IC64	F3	TP21	B5
IC65	E2	TP22	B5
IC66	F2	TP23	A5
IC67	E3	TP24	C7
IC68	B7	TP25	A5
IC69	B6	TP26	A5
IC72	C7	TP900	P1
IC73	E5	TP902	P1
IC74	*D5	TP903	E6
IC75	A7	TP904	D5
IC76	*M1	TP905	D5
IC77	*M2	TP906	E5
IC78	M2	TP910	E4
IC79	M2	TP911	E4
IC701	*B3	TP913	N3
IC705	*C2	TP914	N3
IC706	*D2	TP920	P1
IC707	*D2	TP921	P1
IC708	*B2	TP922	P1
IC709	*D3		
IC710	*C3	*:B SIDE	
IC711	*C2		
IC712	*D2		
IC713	*B2		
IC714	*B2		
IC900	*C7		
IC901	*A7		
IC902	*C4		
IC906	*G4		
IC907	J7		



DPR-36H BOARD -A SIDE-

1-648-533-24 (LOT No. 812 -)

DVW-A510(J)	; DPR-36H	MCB
DVW-A510(UC)	; DPR-36H	MCB
DVW-A510P(EK)	; DPR-36H	MCB
DVW-510(J)	; DPR-36H	MCB
DVW-510(UC)	; DPR-36H	MCB
DVW-510P(EK)	; DPR-36H	MCB
DVW-CA510(J)	; DPR-36H	MCB
DVW-CA510(UC)	; DPR-36H	MCB
DVW-CA510P(EK)	; DPR-36H	MCB



DPR-36H BOARD -B SIDE-

1-648-533-24 (LOT No. 812 -)

DVW-A510(J)	; DPR-36H	MCB
DVW-A510(UC)	; DPR-36H	MCB
DVW-A510P(EK)	; DPR-36H	MCB
DVW-510(J)	; DPR-36H	MCB
DVW-510(UC)	; DPR-36H	MCB
DVW-510P(EK)	; DPR-36H	MCB
DVW-CA510(J)	; DPR-36H	MCB
DVW-CA510(UC)	; DPR-36H	MCB
DVW-CA510P(EK)	; DPR-36H	MCB

DPR-36H ; Digital data processor (Decode, Error correction)

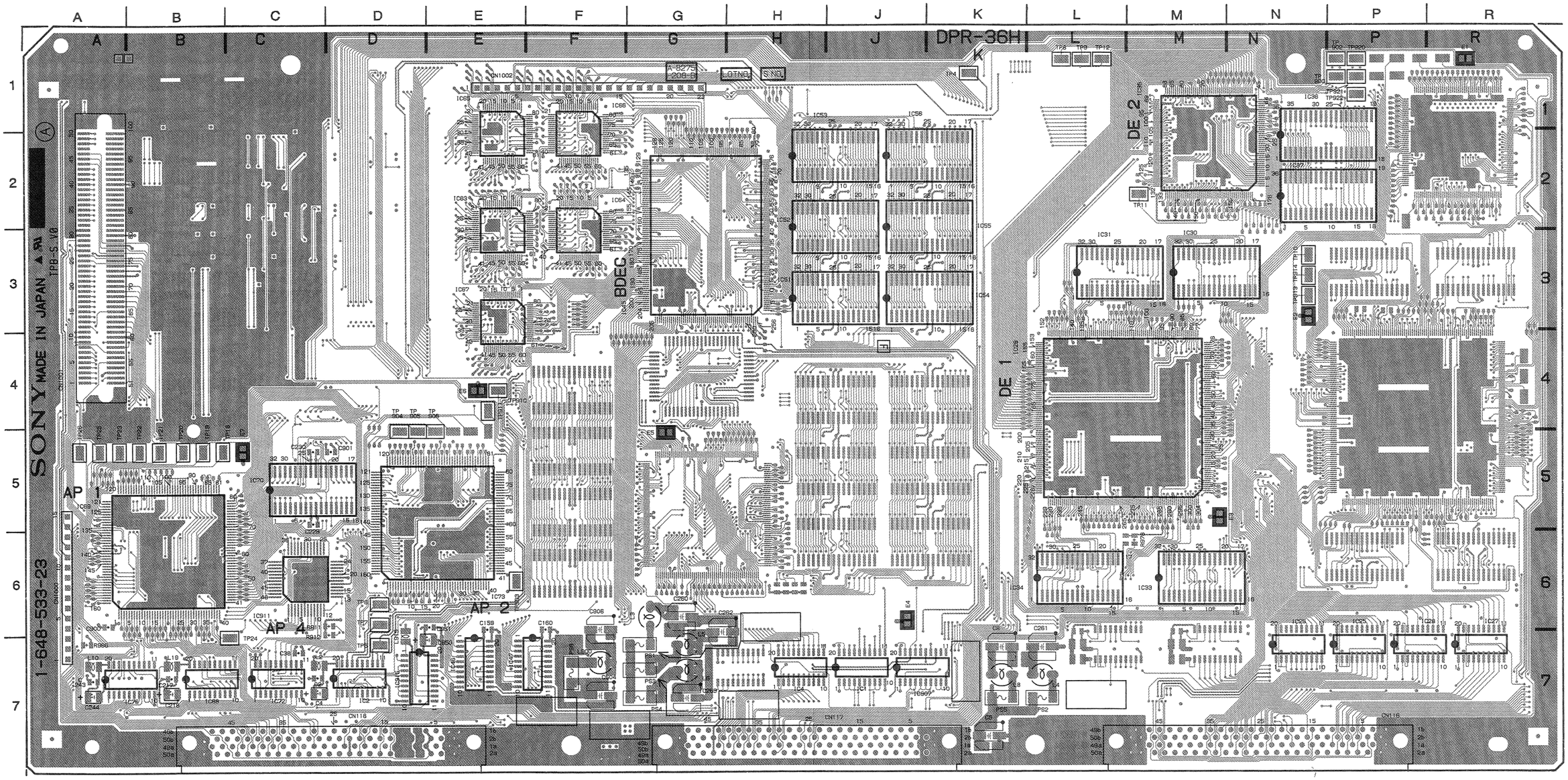
(Board's Lot No. 409 through 811)
All player models

DPR-36H(1-648-533-23)

CN116	N-7	IC73	E-6	TP21	B-5
CN117	H-7	✱IC74	D-5	TP22	B-5
CN118	D-7	IC75	A-7	TP23	A-5
CN1000	A-6	✱IC701	B-3	TP24	C-7
CN1001	A-3	✱IC705	C-2	TP25	A-5
CN1002	F-1	✱IC706	D-2	TP26	A-5
		✱IC707	D-2	TP900	P-1
E1	R-1	✱IC708	B-2	TP902	P-1
E2	N-3	✱IC709	D-3	TP903	E-6
E3	M-5	✱IC710	C-3	TP904	D-5
E4	J-6	✱IC711	C-2	TP905	D-5
E5	G-5	✱IC712	D-2	TP906	E-5
E6	E-4	✱IC713	B-2	TP910	E-4
E7	C-5	✱IC714	B-2	TP911	E-4
		✱IC900	C-7	TP913	N-3
✱FL1	B-7	✱IC901	A-7	TP914	N-3
✱FL2	B-7	✱IC902	C-4	TP920	P-1
✱FL3	A-7	✱IC906	G-3	TP921	P-1
✱FL4	A-7	IC907	J-7	TP922	P-1
✱FL21	E-7	✱IC910	D-7		
✱FL22	E-7	IC911	C-6		
✱FL23	D-7	✱IC914	R-6		
✱FL24	D-7	IC915	D-7		
✱FL25	E-7	✱IC920	D-2		
✱FL26	E-7				
✱FL27	D-7	PS1	G-7		
✱FL28	D-7	PS2	L-7		
✱FL29	F-7	PS3	G-7		
✱FL30	F-7	PS4	G-7		
✱FL31	E-7	PS5	K-7		
✱FL32	E-7	PS6	F-7		
✱FL33	F-7				
✱FL34	F-7	✱RB1	H-7		
✱FL35	E-7	✱RB2	H-7		
✱FL36	E-7	✱RB4	P-7		
		✱RB5	N-7		
IC1	J-7	✱RB6	R-7		
IC2	D-7	✱RB7	P-7		
IC4	H-7	✱RB8	H-2		
IC25	P-7	✱RB9	E-3		
IC26	N-7	✱RB10	E-2		
IC27	R-7	✱RB11	E-3		
IC28	P-7	✱RB12	E-2		
IC29	L-4	✱RB13	F-2		
IC30	M-3	✱RB14	F-2		
IC31	L-3	✱RB15	E-2		
IC33	M-6	✱RB16	E-1		
IC34	L-6	✱RB17	E-2		
IC35	M-2	✱RB18	E-2		
IC36	N-2	✱RB19	F-1		
IC37	N-2	✱RB20	F-1		
IC45	G-3	✱RB21	E-4		
IC46	E-7	✱RB22	F-3		
IC47	E-7	✱RB23	E-3		
IC51	H-3	✱RB24	B-5		
IC52	H-3	✱RB25	B-5		
IC53	H-2	✱RB901	G-5		
IC54	J-3	✱RB902	G-5		
IC55	J-3	✱RB903	C-7		
IC56	J-2	✱RB904	C-7		
✱IC57	H-3	✱RB905	B-5		
✱IC58	H-2	✱RB906	C-7		
✱IC59	H-2	✱RB908	N-5		
✱IC60	J-3				
✱IC61	J-2	TP4	K-1		
✱IC62	J-2	TP5	D-7		
IC63	E-3	TP6	D-6		
IC64	F-3	TP7	D-6		
IC65	E-2	TP8	L-1		
IC66	F-2	TP9	L-1		
IC67	E-3	TP10	N-3		
IC68	B-7	TP11	M-2		
IC69	B-6	TP12	L-1		
IC70	C-5	TP18	B-5		
✱IC71	C-5	TP19	B-5		
IC72	C-7	TP20	B-5		

✱ : B SIDE

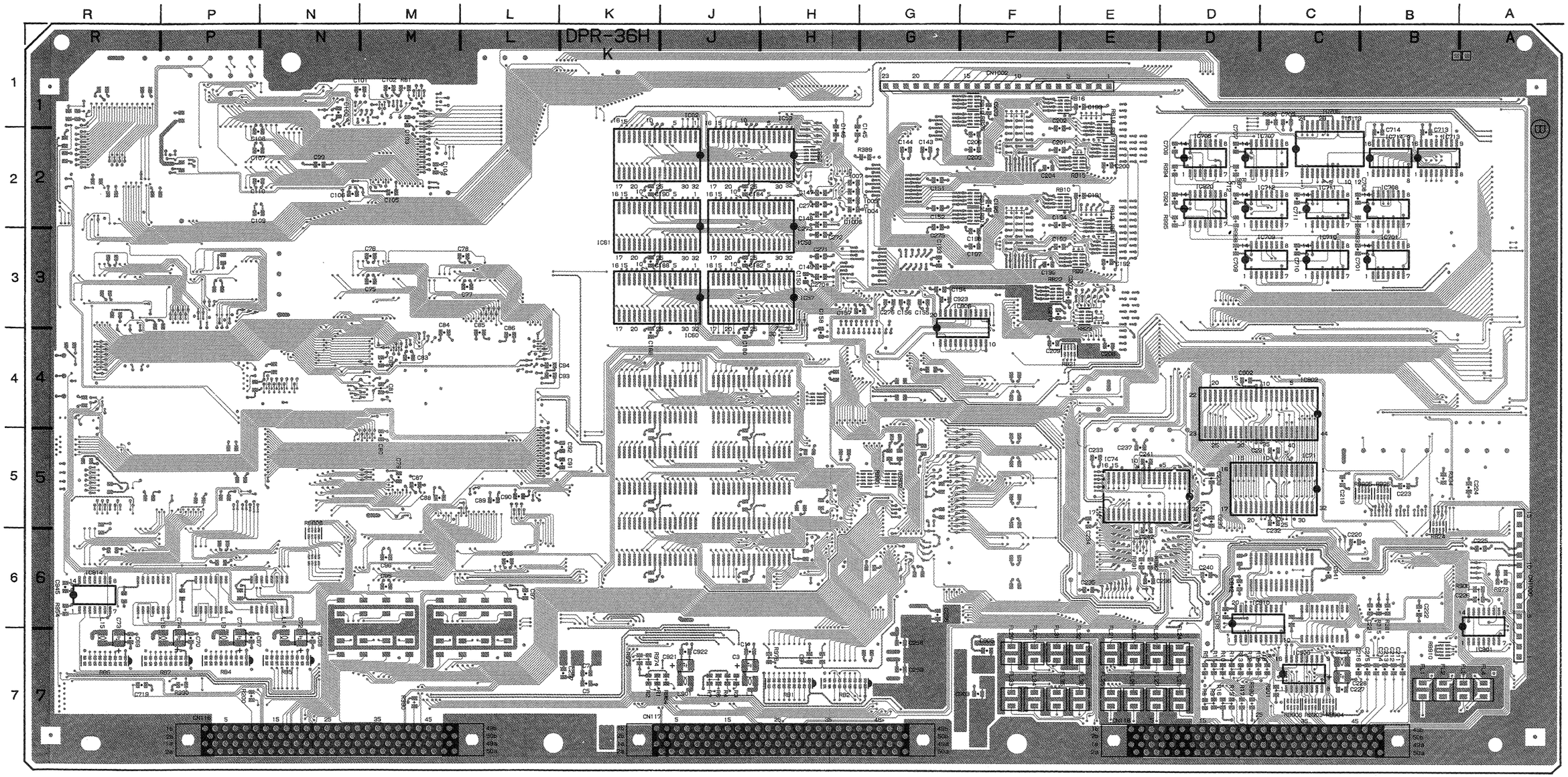
LOT NO. H-1



DPR-36H BOARD -A SIDE-

1-648-533-23 (LOT No. 409 - 811)

DVW-A510(J)	; DPR-36H	MCB
DVW-A510(UC)	; DPR-36H	MCB
DVW-A510P(EK)	; DPR-36HP	MCB
DVW-510(J)	; DPR-36H	MCB
DVW-510(UC)	; DPR-36H	MCB
DVW-510P(EK)	; DPR-36HP	MCB
DVW-CA510(J)	; DPR-36H	MCB
DVW-CA510(UC)	; DPR-36H	MCB
DVW-CA510P(EK)	; DPR-36HP	MCB


DPR-36H
R P N M L K J H G F E D C B A
1 2 3 4 5 6 7
CN118
CN117
CN1002
IC60
IC61
IC62
IC63
IC64
IC65
IC66
IC67
IC68
IC69
IC70
IC71
IC72
IC73
IC74
IC75
IC76
IC77
IC78
IC79
IC80
IC81
IC82
IC83
IC84
IC85
IC86
IC87
IC88
IC89
IC90
IC91
IC92
IC93
IC94
IC95
IC96
IC97
IC98
IC99

DPR-36H ; Digital data processor (Decode, Error correction)

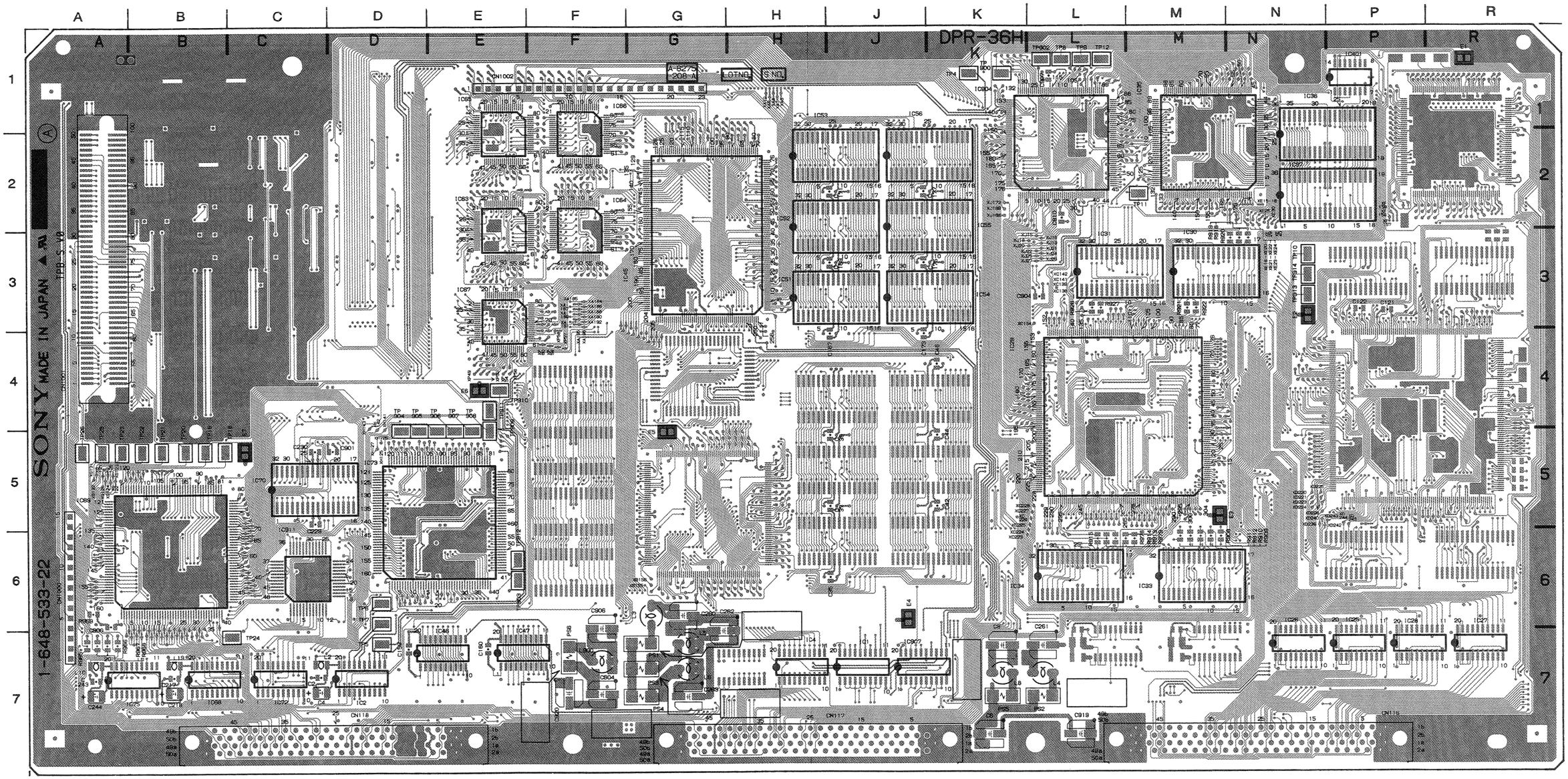
(Board's Lot No. 307 through 409)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

DPR-36H(1-648-533-22)

CN116	N-7	✱IC71	C-5	TP10	N-3
CN117	H-7	IC72	C-7	TP11	M-2
CN118	D-7	IC73	E-5	TP12	L-1
CN1000	A-6	✱IC74	D-5	TP18	B-5
CN1001	A-3	IC75	A-7	TP19	B-5
CN1002	F-1	IC401	P-1	TP20	B-5
		✱IC500	R-6	TP21	B-5
E1	R-1	✱IC501	P-6	TP22	B-5
E2	N-3	✱IC502	P-6	TP23	A-5
E3	M-5	✱IC701	B-3	TP24	C-7
E4	J-6	✱IC702	K-5	TP25	A-5
E5	G-5	✱IC703	D-2	TP26	A-5
E6	E-4	✱IC704	D-3	TP900	K-1
E7	C-5	✱IC705	C-2	TP902	L-1
		✱IC706	D-2	TP903	E-6
✱D701	B-2	✱IC707	D-2	TP904	D-5
		✱IC708	B-2	TP905	D-5
✱FL1	B-7	✱IC709	D-3	TP906	E-5
✱FL2	B-7	✱IC710	C-3	TP907	E-5
✱FL3	A-7	✱IC711	C-2	TP908	E-5
✱FL4	A-7	✱IC712	D-2	TP909	E-5
✱FL21	E-7	✱IC713	B-2	TP910	E-4
✱FL22	E-7	✱IC714	B-2	TP911	E-4
✱FL23	D-7	✱IC716	B-2	TP912	E-6
✱FL24	D-7	✱IC900	C-7	TP913	N-3
✱FL25	E-7	✱IC901	A-7	TP914	N-3
✱FL26	E-7	✱IC902	C-4		
✱FL27	D-7	✱IC903	K-3		
✱FL28	D-7	IC904	L-2		
✱FL29	F-7	✱IC906	G-4		
✱FL30	F-7	IC907	J-7		
✱FL31	E-7	✱IC908	D-6		
✱FL32	E-7	✱IC909	C-7		
✱FL33	F-7	✱IC910	D-7		
✱FL34	F-7	IC911	C-6		
✱FL35	E-7	✱IC912	L-4		
✱FL36	E-7	✱IC914	R-6		
IC1	J-7	PS1	G-7		
IC2	D-7	PS2	L-7		
IC4	H-7	PS3	G-7		
IC25	P-7	PS4	G-7		
IC26	N-7	PS5	K-7		
IC27	R-7	PS6	F-7		
IC28	P-7				
IC29	L-4	✱RB1	H-7		
IC30	M-3	✱RB2	H-7		
IC31	L-3	✱RB4	P-7		
IC33	M-6	✱RB5	N-7		
IC34	L-6	✱RB6	R-7		
IC35	M-2	✱RB7	P-7		
IC36	N-2	✱RB8	H-2		
IC37	N-2	✱RB9	E-3		
IC45	G-3	✱RB10	E-2		
IC46	D-7	✱RB11	E-3		
IC47	E-7	✱RB12	E-2		
IC51	H-3	✱RB13	F-2		
IC52	H-3	✱RB14	F-2		
IC53	H-2	✱RB15	E-2		
IC54	J-3	✱RB16	E-1		
IC55	J-3	✱RB17	E-2		
IC56	J-2	✱RB18	E-2		
✱IC57	H-3	✱RB19	F-1		
✱IC58	H-2	✱RB20	F-1		
✱IC59	H-2	✱RB21	E-4		
✱IC60	J-3	✱RB22	F-3		
✱IC61	J-2	✱RB23	E-3		
✱IC62	J-2	✱RB24	B-5		
IC63	E-3	✱RB25	B-5		
IC64	F-3				
IC65	E-2	TP4	K-1		
IC66	F-2	TP5	D-7		
IC67	E-3	TP6	D-6		
IC68	B-7	TP7	D-6		
IC69	B-6	TP8	L-1		
IC70	C-5	TP9	L-1		

✱ : B SIDE

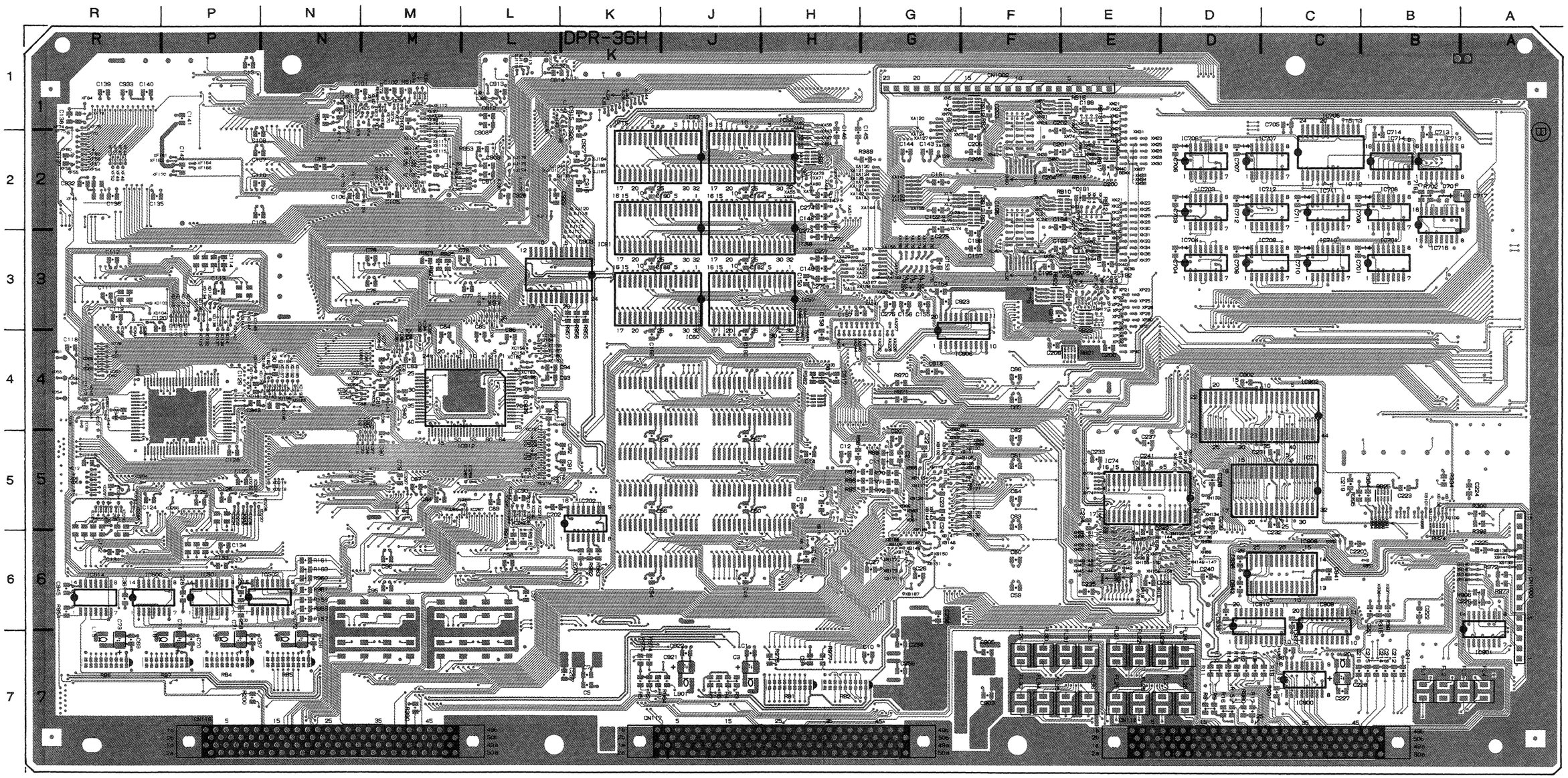
LOT NO. H-1



DPR-36H BOARD -A SIDE-

1-648-533-22 (LOT No. 307 - 409)

DVW-A510(J)	; DPR-36H MCB
DVW-A510(UC)	; DPR-36H MCB
DVW-A510P(EK)	; DPR-36HP MCB
DVW-510(J)	; DPR-36H MCB
DVW-510(UC)	; DPR-36H MCB
DVW-510P(EK)	; DPR-36HP MCB
DVW-CA510(UC)	; DPR-36H MCB
DVW-CA510P(EK)	; DPR-36HP MCB



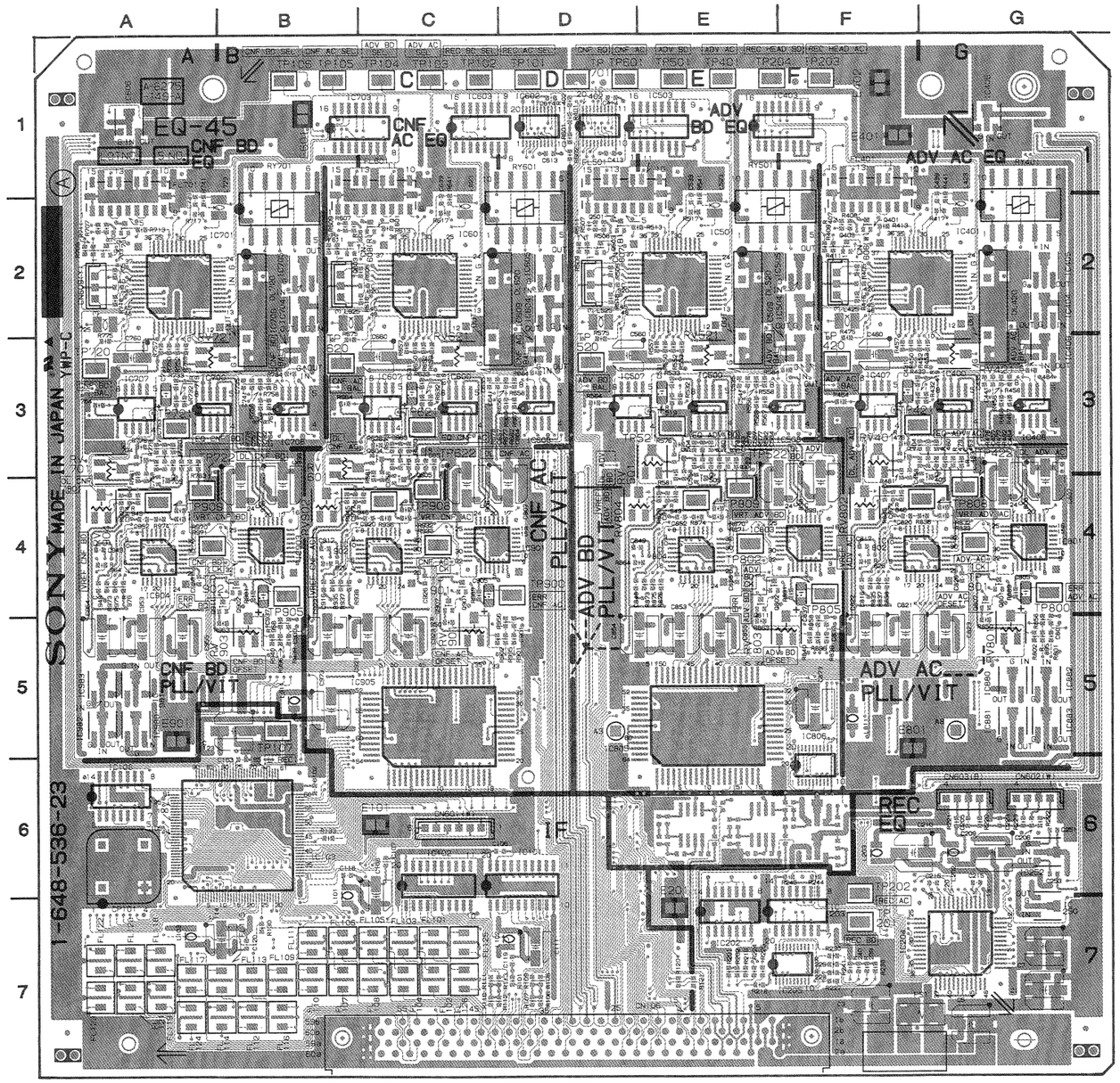
DPR-36H BOARD -B SIDE-

1-648-533-22 (LOT No. 307 - 409)

DVW-A510(J)	; DPR-36H MCB
DVW-A510(UC)	; DPR-36H MCB
DVW-A510P(EK)	; DPR-36HP MCB
DVW-510(J)	; DPR-36H MCB
DVW-510(UC)	; DPR-36H MCB
DVW-510P(EK)	; DPR-36HP MCB
DVW-CA510(UC)	; DPR-36H MCB
DVW-CA510P(EK)	; DPR-36HP MCB

EQ-45 ; RF equalizer (REC current control, PB EQ)

(Board's Lot No. 306 and higher)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-500P(UC)



EQ-45 BOARD -A SIDE-

1-648-536-23 (LOT No. 306 -)

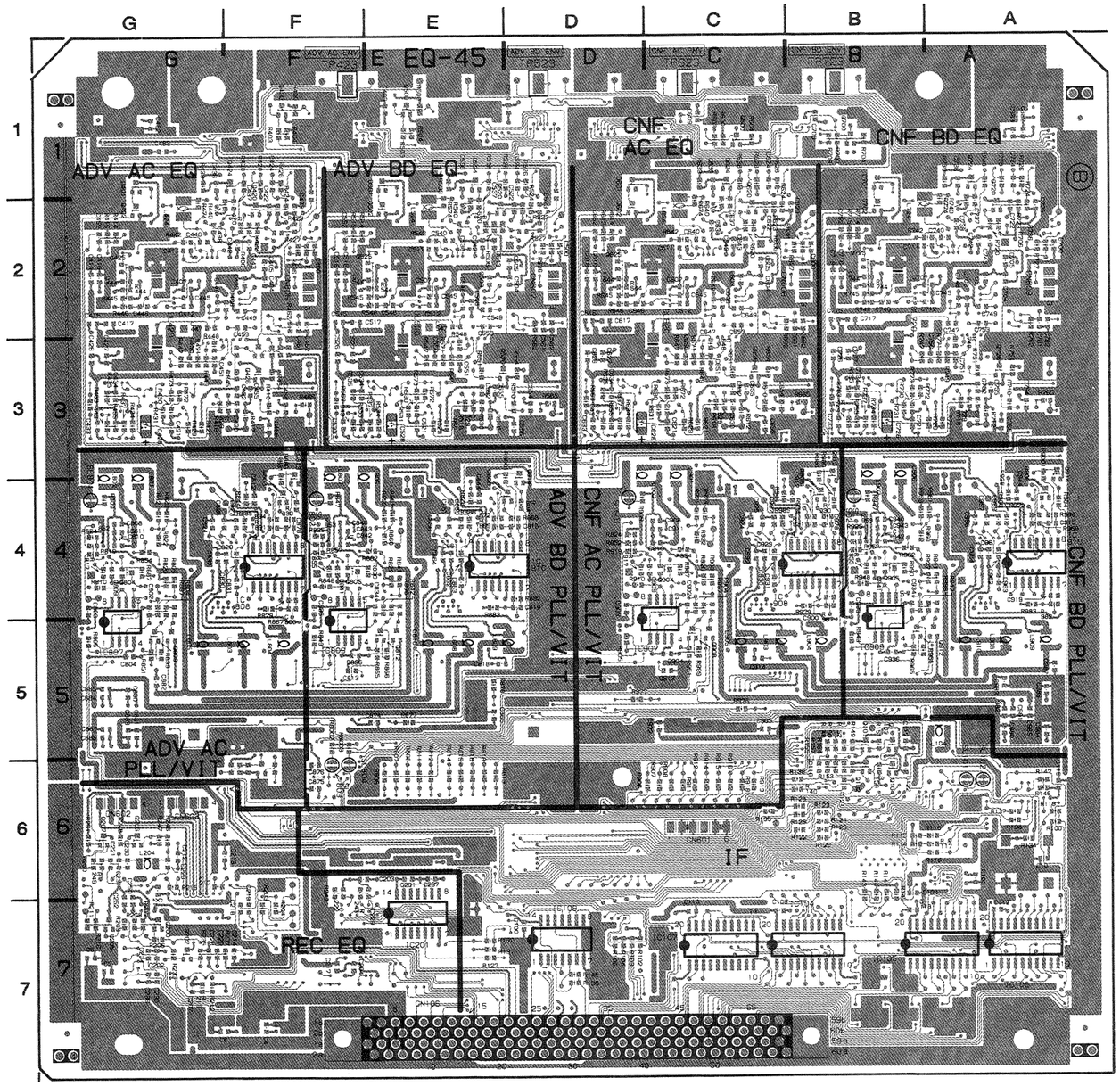
DVW-500(J)	; EQ-45	MCB
DVW-500(UC)	; EQ-45	MCB
DVW-500P(EK)	; EQ-45P	MCB
DVW-500P(UC)	; EQ-45P	MCB

EQ-45(1-648-536-23)

CN106	D-7	IC400	G-3	Q401	F-2	RV901	C-5
CN601	C-6	IC401	G-2	✱Q402	G-2	RV902	B-4
CN602	G-6	IC402	D-1	Q403	F-2	RV903	B-5
CN603	G-6	IC403	E-1	Q404	F-3	RV904	A-4
CN606	F-2	IC404	G-2	Q405	G-4		
CN607	D-2	IC405	G-2	✱Q420	F-2	RY401	G-2
CN608	B-2	IC406	G-1	✱Q424	F-1	RY501	E-2
CN609	A-2	IC407	F-3	✱Q425	G-2	RY601	D-2
		IC408	G-3	✱Q426	F-3	RY701	B-2
CP101	A-6	IC409	G-3	✱Q500	E-1		
		IC500	E-3	Q501	D-2	✱SL101	A-6
DL420	G-2	IC501	E-2	✱Q502	E-2	✱SL102	A-6
DL520	E-2	IC503	D-1	Q503	D-2	✱SL801	G-4
DL620	C-2	IC504	F-2	Q504	E-3	✱SL802	F-4
DL720	B-2	IC505	F-2	Q505	E-4	✱SL803	E-6
		IC507	D-3	✱Q520	E-2	✱SL804	E-6
✱D401	G-1	IC508	E-3	✱Q524	E-1	✱SL901	D-4
✱D501	E-1	IC509	F-3	✱Q525	E-2	✱SL902	B-4
✱D601	D-1	IC600	C-3	✱Q526	E-3		
✱D701	B-1	IC601	C-2	✱Q600	C-1	TP101	D-1
		IC602	D-1	Q601	C-2	TP102	C-1
E101	C-6	IC603	C-1	✱Q602	D-2	TP103	C-1
E201	E-7	IC604	D-2	Q603	B-2	TP104	C-1
E401	F-1	IC605	D-2	Q604	C-3	TP105	B-1
E402	F-1	IC606	A-1	Q605	C-4	TP106	B-1
E601	B-1	IC607	C-3	✱Q620	C-2	TP107	B-5
E801	G-5	IC608	D-3	✱Q624	C-1	TP201	F-7
E901	A-5	IC609	D-3	✱Q625	D-2	TP202	F-6
		IC700	A-3	✱Q626	C-3	TP203	F-1
FL101	C-7	IC701	A-2	✱Q700	B-1	TP204	E-1
FL102	C-7	IC703	B-1	Q701	A-2	TP401	E-1
FL103	C-7	IC704	B-2	✱Q702	B-2	TP420	F-3
FL104	C-7	IC705	B-2	Q703	A-2	TP421	F-3
FL105	C-7	IC707	A-3	Q704	A-3	TP422	G-4
FL106	B-7	IC708	B-3	Q705	A-4	✱TP423	F-1
FL107	B-7	IC709	B-3	✱Q720	A-2	TP501	E-1
FL108	C-7	IC801	G-4	✱Q724	A-1	TP520	D-3
FL109	B-7	IC802	G-4	✱Q725	B-2	TP521	E-3
FL110	B-7	IC803	F-4	✱Q726	A-3	TP522	E-4
FL111	B-7	IC804	E-4	Q801	G-4	✱TP523	D-1
FL112	B-7	IC805	E-5	Q802	E-4	TP601	D-1
FL113	B-7	IC806	F-6	✱Q803	F-4	TP620	B-3
FL114	A-7	✱IC807	G-5	✱Q804	G-4	TP621	C-3
FL115	A-7	✱IC808	F-4	✱Q805	F-4	TP622	C-4
FL116	B-7	✱IC809	F-5	✱Q806	D-4	✱TP623	C-1
FL117	A-7	✱IC810	E-4	Q807	G-4	TP701	D-1
FL118	A-7	IC880	G-5	✱Q808	G-5	TP720	A-3
FL119	A-7	IC881	G-5	Q811	E-4	TP721	A-3
FL120	A-7	IC882	G-5	✱Q812	E-5	TP722	A-4
FL121	A-7	IC883	G-5	✱Q813	F-3	✱TP723	B-1
FL122	A-7	IC901	C-4	✱Q814	D-3	TP800	G-4
FL123	A-7	IC902	C-4	Q901	C-4	TP801	G-4
FL124	A-7	IC903	B-4	Q902	B-4	TP802	E-4
FL125	C-7	IC904	A-4	✱Q903	B-4	TP805	F-4
FL126	C-7	IC905	C-5	✱Q904	C-4	TP808	G-4
FL401	F-1	✱IC907	C-5	✱Q905	B-4	TP809	E-4
FL501	D-1	✱IC908	B-4	✱Q906	A-4	TP900	D-4
FL601	C-1	✱IC909	B-5	Q907	C-4	TP901	C-4
FL701	A-1	✱IC910	A-4	✱Q908	C-5	TP902	A-4
		IC980	A-5	Q911	A-5	TP905	B-4
IC101	C-7	IC981	A-5	✱Q912	B-5	TP908	C-4
IC102	C-7	IC982	A-5	✱Q913	B-3	TP909	A-4
IC103	B-6	IC983	A-5	✱Q914	A-3		
✱IC104	C-7						
✱IC105	B-7	PS1	F-7	RV401	F-3		
✱IC106	A-7			RV421	G-3		
✱IC107	C-7	✱Q101	B-5	RV501	E-3		
IC108	A-6	✱Q102	B-6	RV521	E-3		
✱IC109	D-7	✱Q103	B-5	RV601	B-3		
✱IC201	E-7	✱Q104	B-6	RV621	C-3		
IC202	E-7	✱Q200	G-7	RV701	A-3		
IC203	E-7	✱Q202	G-7	RV721	A-3		
IC204	G-7	✱Q205	G-7	RV801	G-5		
IC205	E-7	✱Q206	G-6	RV802	F-4		
IC250	G-7	✱Q207	G-6	RV803	F-5		
IC252	G-6	✱Q400	F-1	RV804	D-4		

✱: B SIDE

LOT NO. A-1



EQ-45 BOARD -B SIDE-

1-648-536-23 (LOT No. 306 -)

DVW-500(J) ; EQ-45 MCB
DVW-500(UC) ; EQ-45 MCB
DVW-500P(EK) ; EQ-45P MCB
DVW-500P(UC) ; EQ-45P MCB

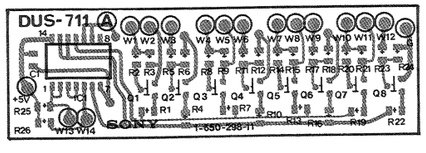
EQ-45, DUS-709/711

EQ-45 ; RF equalizer (REC current control, PB EQ)
DUS-709/711

(Board's Lot No. 303 through 306)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

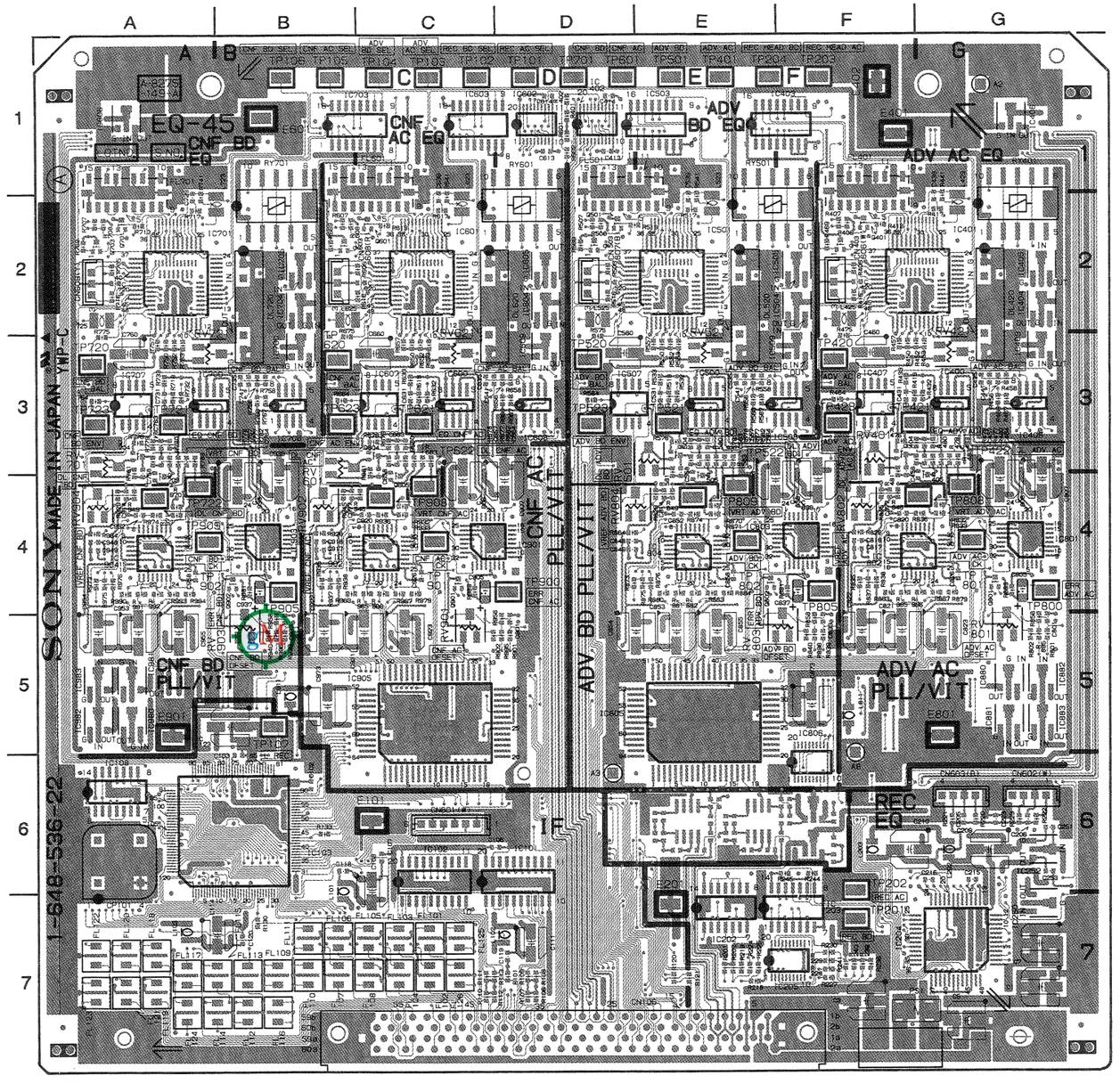
DUS-709 BOARD -A SIDE-

1-649-293-11



DUS-711 BOARD -A SIDE-

1-649-298-11



EQ-45 BOARD -A SIDE-

1-648-536-22 (LOT No. 303 - 306)

DVW-500(J)	; EQ-45	MCB
DVW-500(UC)	; EQ-45	MCB
DVW-500P(EK)	; EQ-45P	MCB

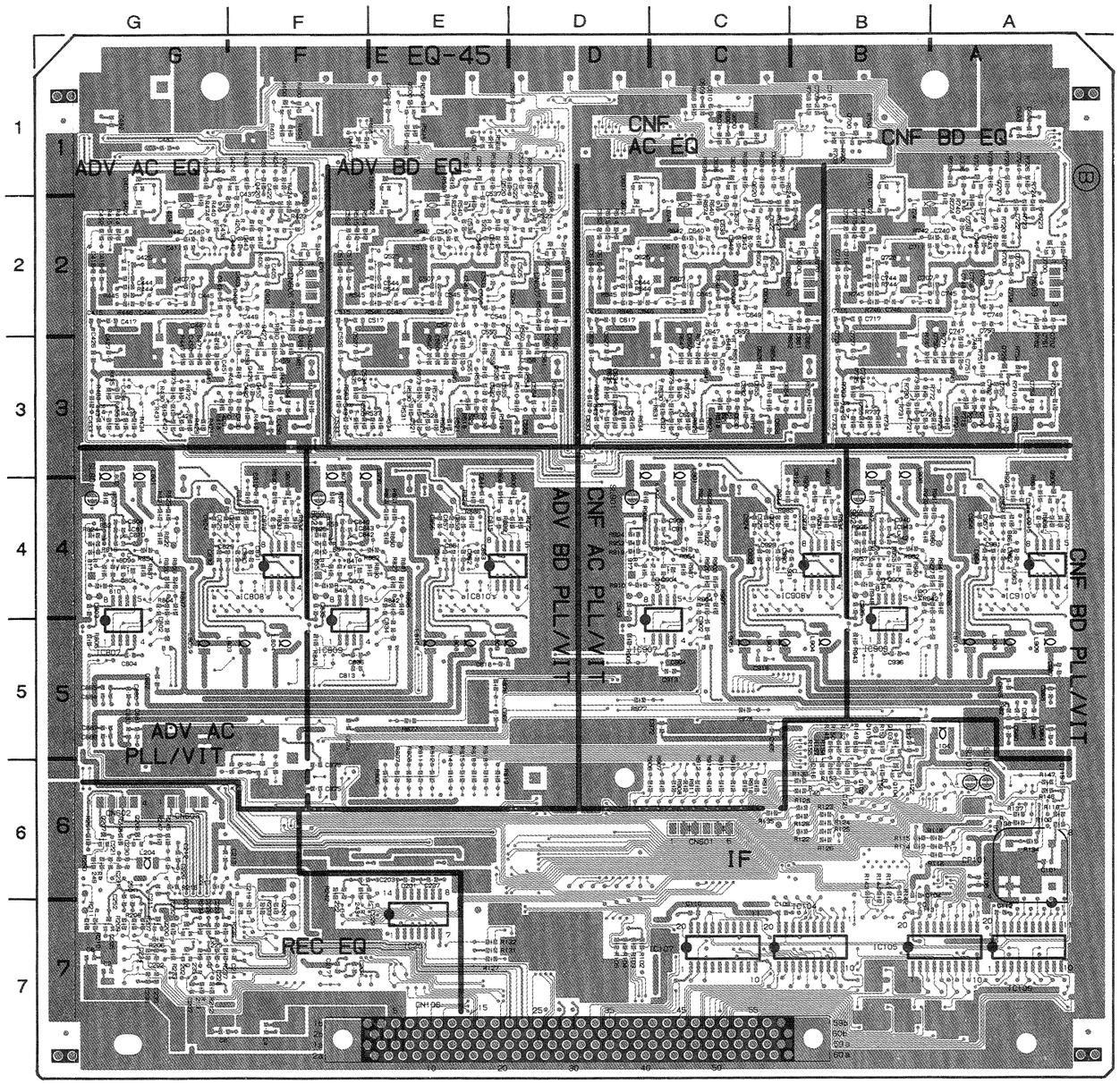
1-40 (a)

EQ-45(1-648-536-22)

CN106	D-7	IC205	E-7	✱Q205	G-7	RY501	E-2
CN601	C-6	IC250	G-7	✱Q206	G-6	RY601	D-2
CN602	G-6	IC252	G-6	✱Q207	G-6	RY701	B-2
CN603	G-6	IC400	G-3	✱Q400	F-1		
CN606	F-2	IC401	G-2	Q401	F-2	✱SL101	A-6
CN607	D-2	IC402	D-1	✱Q402	G-2	✱SL102	A-6
CN608	B-2	IC403	E-1	Q403	F-2	✱SL801	G-4
CN609	A-2	IC404	G-2	Q404	F-3	✱SL802	F-4
		IC405	G-2	Q405	G-4	✱SL901	D-4
CP101	A-6	IC406	G-1	✱Q420	F-2	✱SL902	B-4
		IC407	F-3	✱Q424	F-1		
DL420	G-2	IC408	G-3	✱Q425	G-2	TP101	D-1
DL520	E-2	IC409	G-3	✱Q426	F-3	TP102	C-1
DL620	C-2	IC500	E-3	✱Q427	F-3	TP103	C-1
DL720	B-2	IC501	E-2	✱Q500	E-1	TP104	C-1
		IC503	D-1	Q501	D-2	TP105	B-1
✱D400	F-2	IC504	F-2	✱Q502	E-2	TP106	B-1
✱D401	G-1	IC505	F-2	Q503	D-2	TP107	B-5
✱D500	D-2	IC507	D-3	Q504	E-3	TP201	F-7
✱D501	E-1	IC508	E-3	Q505	E-4	TP202	F-6
✱D600	B-2	IC509	F-3	✱Q520	E-2	TP203	F-1
✱D601	D-1	IC600	C-3	✱Q524	E-1	TP204	E-1
✱D700	A-2	IC601	C-2	✱Q525	E-2	TP401	E-1
✱D701	B-1	IC602	D-1	✱Q526	E-3	TP420	F-3
		IC603	C-1	✱Q527	E-3	TP421	F-3
E101	C-6	IC604	D-2	✱Q600	C-1	TP422	G-4
E201	E-7	IC605	D-2	Q601	C-2	TP423	F-3
E401	F-1	IC606	A-1	✱Q602	D-2	TP501	E-1
E402	F-1	IC607	C-3	Q603	B-2	TP520	D-3
E601	B-1	IC608	D-3	Q604	C-3	TP521	E-3
E801	G-5	IC609	D-3	Q605	C-4	TP522	E-4
E901	A-5	IC700	A-3	✱Q620	C-2	TP523	D-3
		IC701	A-2	✱Q624	C-1	TP601	D-1
FL101	C-7	IC703	B-1	✱Q625	D-2	TP620	B-3
FL102	C-7	IC704	B-2	✱Q626	C-3	TP621	C-3
FL103	C-7	IC705	B-2	✱Q700	B-1	TP622	C-4
FL104	C-7	IC707	A-3	Q701	A-2	TP623	B-3
FL105	C-7	IC708	B-3	✱Q702	B-2	TP701	D-1
FL106	B-7	IC709	B-3	Q703	A-2	TP720	A-3
FL107	B-7	IC801	G-4	Q704	A-3	TP721	A-3
FL108	C-7	IC802	G-4	Q705	A-4	TP722	A-4
FL109	B-7	IC803	F-4	✱Q720	A-2	TP723	A-3
FL110	B-7	IC804	E-4	✱Q724	A-1	TP800	G-4
FL111	B-7	IC805	E-5	✱Q725	B-2	TP801	G-4
FL112	B-7	IC806	F-6	✱Q726	A-3	TP802	E-4
FL113	B-7	✱IC807	G-5	Q801	G-4	TP805	F-4
FL114	A-7	✱IC808	F-4	Q802	E-4	TP808	G-4
FL115	A-7	✱IC809	F-5	✱Q803	F-4	TP809	E-4
FL116	B-7	✱IC810	E-4	✱Q804	G-4	TP900	D-4
FL117	A-7	IC880	G-5	✱Q805	F-4	TP901	C-4
FL118	A-7	IC881	G-5	✱Q806	D-4	TP902	A-4
FL119	A-7	IC882	G-5	Q901	C-4	TP905	B-4
FL120	A-7	IC883	G-5	Q902	B-4	TP908	C-4
FL121	A-7	IC901	C-4	✱Q903	B-4	TP909	A-4
FL122	A-7	IC902	C-4	✱Q904	C-4		
FL123	A-7	IC903	B-4	✱Q905	B-4		
FL124	A-7	IC904	A-4	✱Q906	A-4		
FL125	C-7	IC905	C-5				
FL126	C-7	✱IC907	C-5	RV401	F-3		
FL401	F-1	✱IC908	B-4	RV421	G-3		
FL501	D-1	✱IC909	B-5	RV501	E-3		
FL601	C-1	✱IC910	A-4	RV521	E-3		
FL701	A-1	IC980	A-5	RV601	B-3		
		IC981	A-5	RV621	C-3		
IC101	C-7	IC982	A-5	RV701	A-3		
IC102	C-7	IC983	A-5	RV721	A-3		
IC103	B-6			RV801	G-5		
✱IC104	C-7	PS1	F-7	RV802	F-4		
✱IC105	B-7			RV803	F-5		
✱IC106	A-7	✱Q101	B-5	RV804	D-4		
✱IC107	C-7	✱Q102	B-6	RV901	C-5		
IC108	A-6	✱Q103	B-5	RV902	B-4		
✱IC201	E-7	✱Q104	B-6	RV903	B-5		
IC202	E-7	✱Q200	G-7	RV904	A-4		
IC203	E-7	✱Q201	G-7				
IC204	G-7	✱Q202	G-7	RY401	G-2		

✱ : B SIDE

LOT NO. A-1

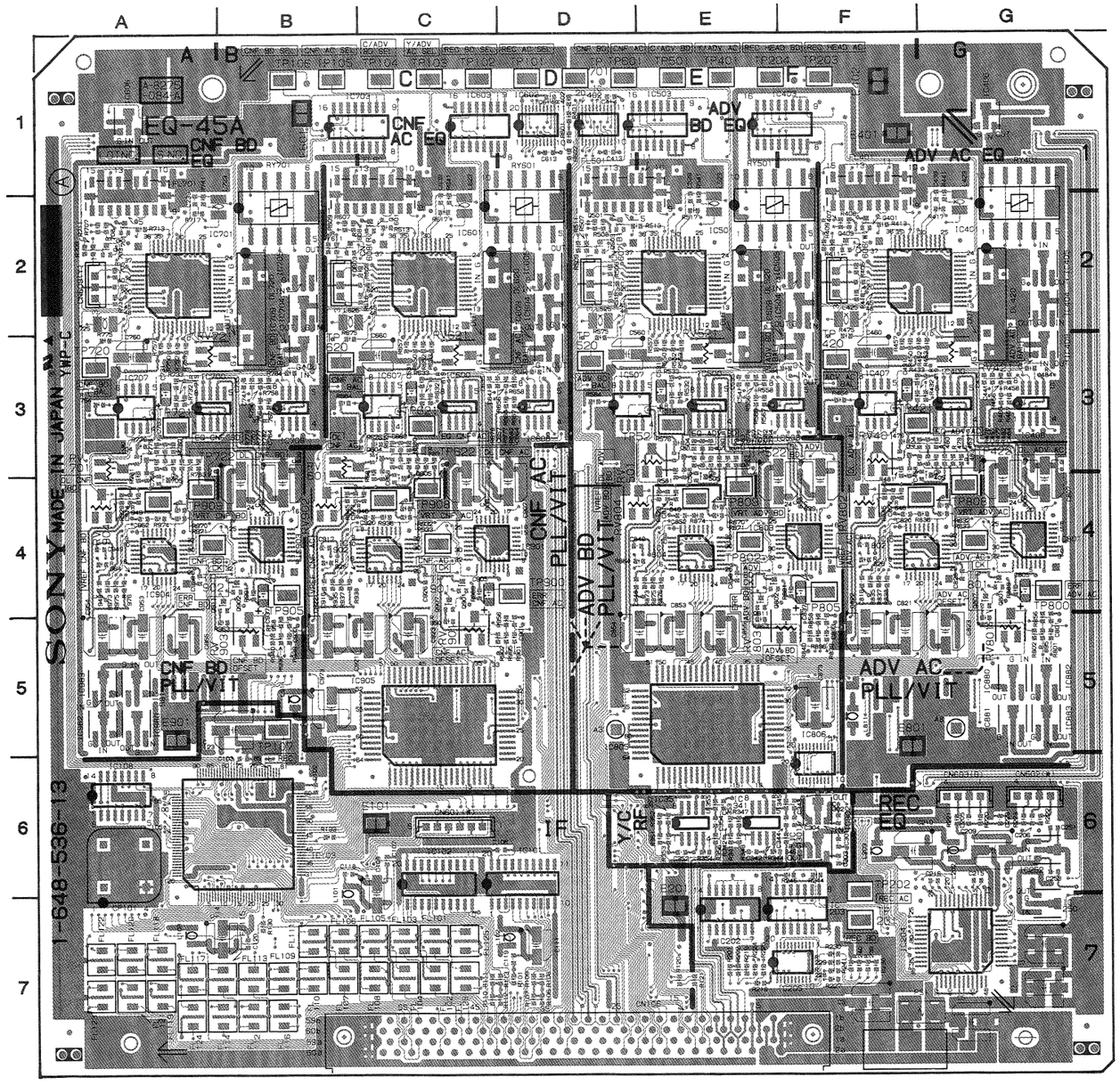


EQ-45 BOARD -B SIDE-

1-648-536-22 (LOT No. 303 - 306)
DVW-500(J) ; EQ-45 MCB
DVW-500(UC) ; EQ-45 MCB
DVW-500P(EK) ; EQ-45P MCB

EQ-45A ; RF equalizer (REC current control, PB EQ), Betacam PB buffer

(Board's Lot No. 306 and higher)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)



EQ-45A BOARD -A SIDE-

1-648-536-13 (LOT No. 306 -)

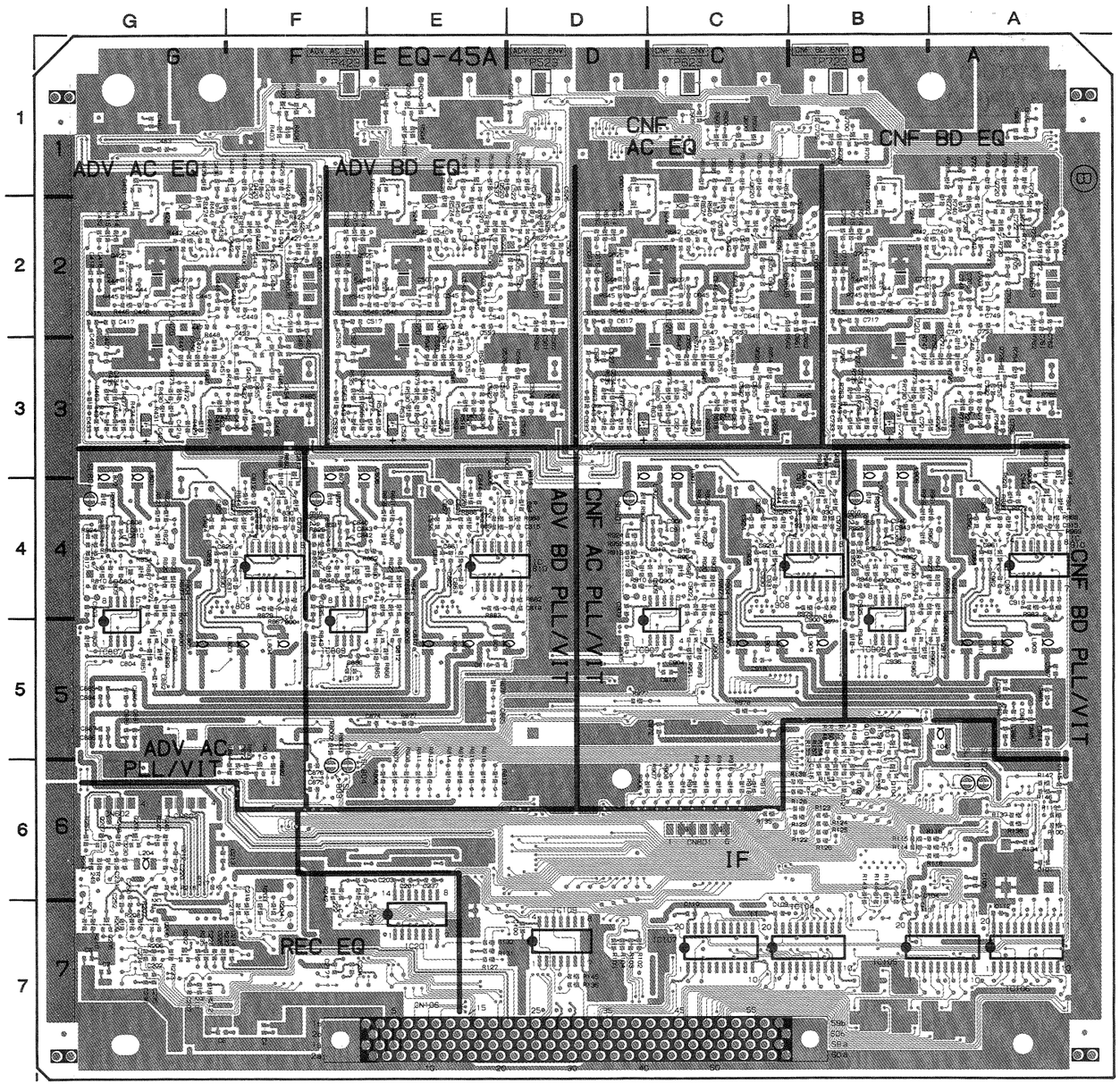
DVW-A500(J)	; EQ-45A	MCB
DVW-A500(UC)	; EQ-45A	MCB
DVW-A500P(EK)	; EQ-45AP	MCB
DVW-A500P(UC)	; EQ-45APG	MCB

EQ-45A(1-648-536-13)

CN106	D-7	IC301	F-6	✱Q205	G-7	RV421	G-3
CN601	C-6	IC302	F-6	✱Q206	G-6	RV501	E-3
CN602	G-6	IC341	E-6	✱Q207	G-6	RV521	E-3
CN603	G-6	IC351	E-6	✱Q400	F-1	RV601	B-3
CN606	F-2	IC400	G-3	Q401	F-2	RV621	C-3
CN607	D-2	IC401	G-2	✱Q402	G-2	RV701	A-3
CN608	B-2	IC402	D-1	Q403	F-2	RV721	A-3
CN609	A-2	IC403	E-1	Q404	F-3	RV801	G-5
		IC404	G-2	Q405	G-4	RV802	F-4
CP101	A-6	IC405	G-2	✱Q420	F-2	RV803	F-5
		IC406	G-1	✱Q421	F-2	RV804	D-4
DL420	G-2	IC407	F-3	✱Q424	F-1	RV901	C-5
DL520	E-2	IC408	G-3	✱Q425	G-2	RV902	B-4
DL620	C-2	IC409	G-3	✱Q426	F-3	RV903	B-5
DL720	B-2	IC500	E-3	✱Q500	E-1	RV904	A-4
		IC501	E-2	Q501	D-2		
✱D401	G-1	IC503	D-1	✱Q502	E-2	RY401	G-2
✱D501	E-1	IC504	F-2	Q503	D-2	RY501	E-2
✱D601	D-1	IC505	F-2	Q504	E-3	RY601	D-2
✱D701	B-1	IC507	D-3	Q505	E-4	RY701	B-2
		IC508	E-3	✱Q520	E-2		
E101	C-6	IC509	F-3	✱Q521	D-2	✱SL101	A-6
E201	E-7	IC600	C-3	✱Q524	E-1	✱SL102	A-6
E401	F-1	IC601	C-2	✱Q525	E-2	✱SL801	G-4
E402	F-1	IC602	D-1	✱Q526	E-3	✱SL802	F-4
E601	B-1	IC603	C-1	✱Q600	C-1	✱SL803	E-6
E801	G-5	IC604	D-2	Q601	C-2	✱SL804	E-6
E901	A-5	IC605	D-2	✱Q602	D-2	✱SL901	D-4
		IC606	A-1	Q603	B-2	✱SL902	B-4
FL101	C-7	IC607	C-3	Q604	C-3		
FL102	C-7	IC608	D-3	Q605	C-4	TP101	D-1
FL103	C-7	IC609	D-3	✱Q620	C-2	TP102	C-1
FL104	C-7	IC700	A-3	✱Q624	C-1	TP103	C-1
FL105	C-7	IC701	A-2	✱Q625	D-2	TP104	C-1
FL106	B-7	IC703	B-1	✱Q626	C-3	TP105	B-1
FL107	B-7	IC704	B-2	✱Q700	B-1	TP106	B-1
FL108	C-7	IC705	B-2	Q701	A-2	TP107	B-5
FL109	B-7	IC707	A-3	✱Q702	B-2	TP201	F-7
FL110	B-7	IC708	B-3	Q703	A-2	TP202	F-6
FL111	B-7	IC709	B-3	Q704	A-3	TP203	F-1
FL112	B-7	IC801	G-4	Q705	A-4	TP204	E-1
FL113	B-7	IC802	G-4	✱Q720	A-2	TP401	E-1
FL114	A-7	IC803	F-4	✱Q724	A-1	TP420	F-3
FL115	A-7	IC804	E-4	✱Q725	B-2	TP421	F-3
FL116	B-7	IC805	E-5	✱Q726	A-3	TP422	G-4
FL117	A-7	IC806	F-6	✱Q800	G-5	✱TP423	F-1
FL118	A-7	✱IC807	G-5	Q801	G-4	TP501	E-1
FL119	A-7	✱IC808	F-4	Q802	E-4	TP520	D-3
FL120	A-7	✱IC809	F-5	✱Q803	F-3	TP521	E-3
FL121	A-7	✱IC810	E-4	✱Q804	G-4	TP522	E-4
FL122	A-7	IC880	G-5	✱Q805	F-4	✱TP523	D-1
FL123	A-7	IC881	G-5	✱Q806	D-3	TP601	D-1
FL124	A-7	IC882	G-5	Q807	G-4	TP620	B-3
FL125	C-7	IC883	G-5	✱Q808	G-5	TP621	C-3
FL126	C-7	IC901	C-4	✱Q809	E-5	TP622	C-4
FL401	F-1	IC902	C-4	✱Q810	F-6	✱TP623	C-1
FL501	D-1	IC903	B-4	Q811	E-4	TP701	D-1
FL601	C-1	IC904	A-4	✱Q812	E-5	TP720	A-3
FL701	A-1	IC905	C-5	✱Q813	F-3	TP721	A-3
		✱IC907	C-5	✱Q814	D-3	TP722	A-4
IC101	C-7	✱IC908	B-4	✱Q900	C-5	✱TP723	B-1
IC102	C-7	✱IC909	B-5	Q901	C-4	TP800	G-4
IC103	B-6	✱IC910	A-4	Q902	B-4	TP801	G-4
✱IC104	C-7	IC980	A-5	✱Q903	B-3	TP802	E-4
✱IC105	B-7	IC981	A-5	✱Q904	C-4	TP805	F-4
✱IC106	A-7	IC982	A-5	✱Q905	B-4	TP808	G-4
✱IC107	C-7	IC983	A-5	✱Q906	A-3	TP809	E-4
IC108	A-6			Q907	C-4	TP900	D-4
✱IC109	D-7	PS1	F-7	✱Q908	C-5	TP901	C-4
✱IC201	E-7			✱Q909	A-5	TP902	A-4
IC202	E-7	✱Q101	B-5	Q911	A-5	TP905	B-4
IC203	E-7	✱Q102	B-6	✱Q912	B-5	TP908	C-4
IC204	G-7	✱Q103	B-5	✱Q913	B-3	TP909	A-4
IC205	E-7	✱Q104	B-6	✱Q914	A-3		
IC250	G-7	✱Q200	G-7				
IC252	G-6	✱Q202	G-7	RV401	F-3		

✱ : B SIDE

LOT NO. A-1



EQ-45A BOARD -B SIDE-

1-648-536-13 (LOT No. 306 -)

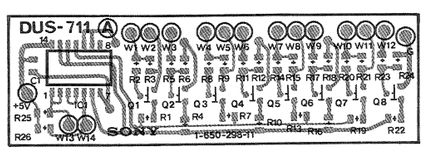
DVW-A500(J) ; EQ-45A MCB
DVW-A500(UC) ; EQ-45A MCB
DVW-A500P(EK) ; EQ-45AP MCB
DVW-A500P(UC) ; EQ-45APG MCB

EQ-45A, DUS-709/711

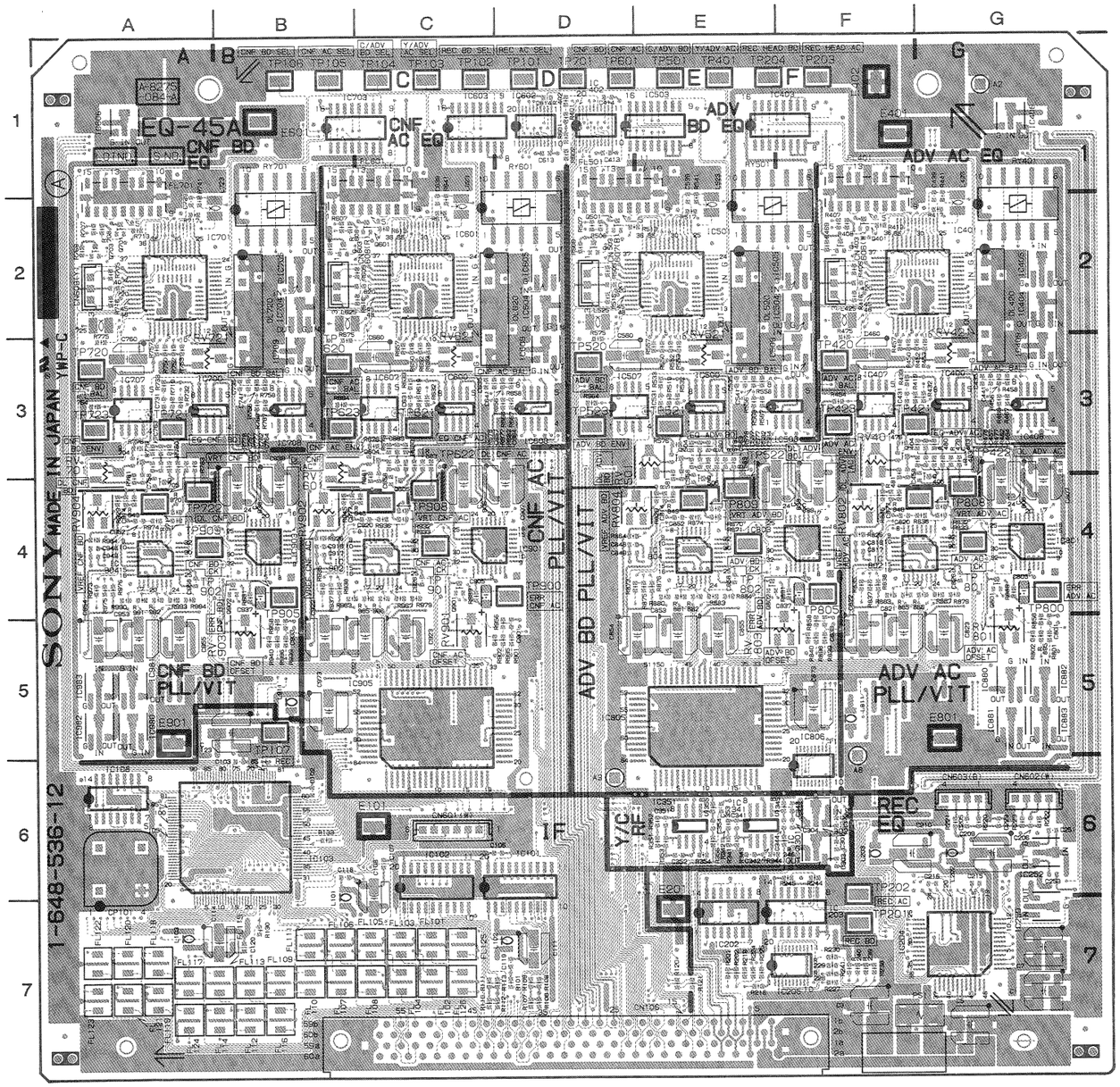
EQ-45A ; RF equalizer (REC current control, PB EQ), Betacam PB buffer
DUS-709/711

(Board's Lot No. 303 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)

DUS-709 BOARD -A SIDE-
1-649-293-11



DUS-711 BOARD -A SIDE-
1-649-298-11



EQ-45A BOARD -A SIDE-
1-648-536-12 (LOT No. 303 - 306)
DVW-A500(J) ; EQ-45A MCB
DVW-A500(UC) ; EQ-45A MCB
DVW-A500P(EK) ; EQ-45AP MCB
DVW-A500P(UC) ; EQ-45APG MCB

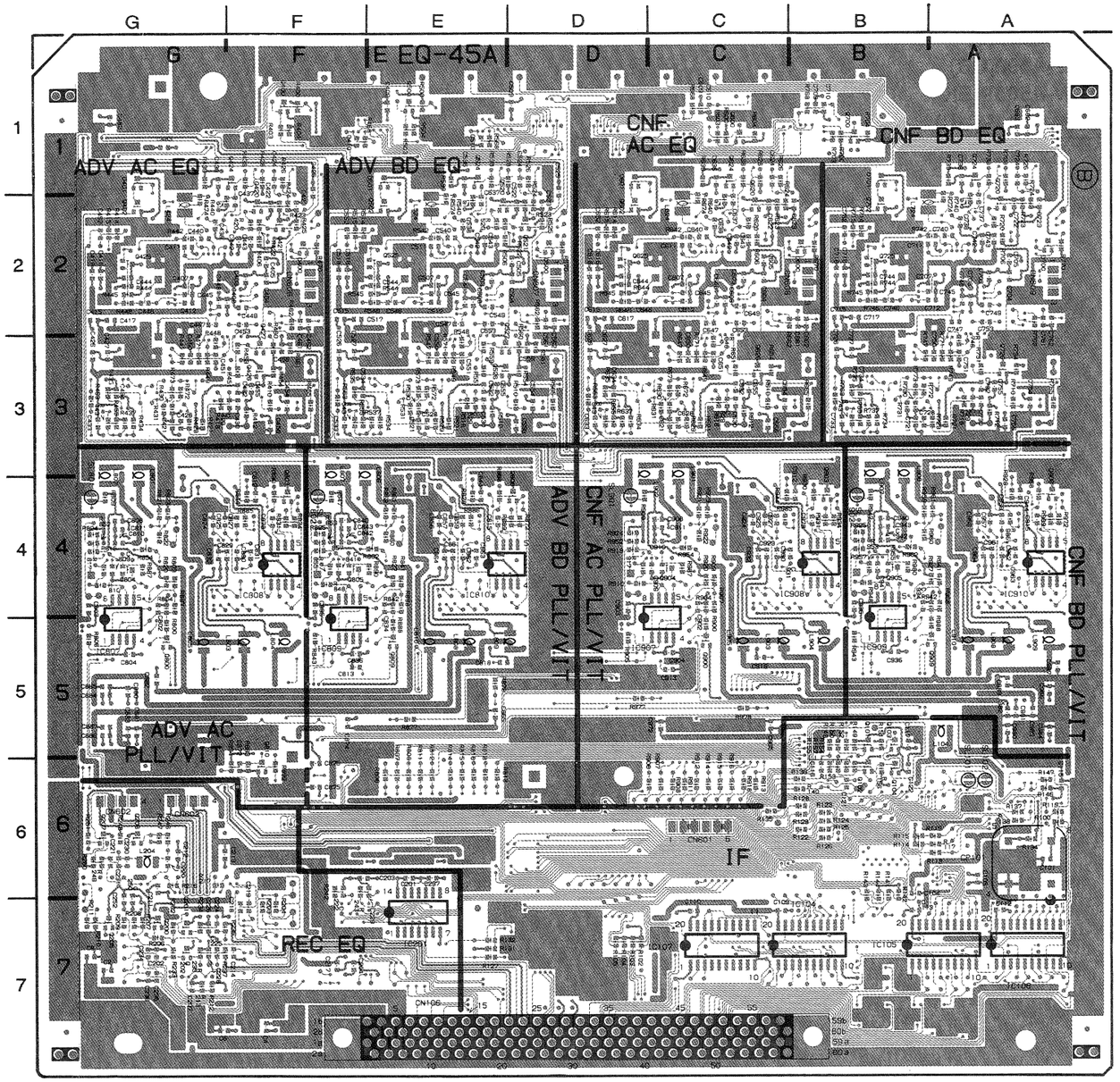
1-42 (b)

EQ-45A(1-648-536-12)

CN106	D-7	IC205	E-7	✱Q104	B-6	RV721	A-3
CN601	C-6	IC250	G-7	✱Q200	G-7	RV801	G-5
CN602	G-6	IC252	G-6	✱Q201	G-7	RV802	F-4
CN603	G-6	IC301	F-6	✱Q202	G-7	RV803	F-5
CN606	F-2	IC302	F-6	✱Q205	G-7	RV804	D-4
CN607	D-2	IC341	E-6	✱Q206	G-6	RV901	C-5
CN608	B-2	IC351	E-6	✱Q207	G-6	RV902	B-4
CN609	A-2	IC400	G-3	✱Q400	F-1	RV903	B-5
		IC401	G-2	Q401	F-2	RV904	A-4
CP101	A-6	IC402	D-1	✱Q402	G-2		
		IC403	E-1	Q403	F-2	RY401	G-2
DL420	G-2	IC404	G-2	Q404	F-3	RY501	E-2
DL520	E-2	IC405	G-2	Q405	G-4	RY601	D-2
DL620	C-2	IC406	G-1	✱Q420	F-2	RY701	B-2
DL720	B-2	IC407	F-3	✱Q421	F-2		
		IC408	G-3	✱Q424	F-1	✱SL101	A-6
✱D400	F-2	IC409	G-3	✱Q425	G-2	✱SL102	A-6
✱D401	G-1	IC500	E-3	✱Q426	F-3	✱SL801	G-4
✱D500	D-2	IC501	E-2	✱Q427	F-3	✱SL802	F-4
✱D501	E-1	IC503	D-1	✱Q500	E-1	✱SL901	D-4
✱D600	B-2	IC504	F-2	Q501	D-2	✱SL902	B-4
✱D601	D-1	IC505	F-2	✱Q502	E-2		
✱D700	A-2	IC507	D-3	Q503	D-2	TP101	D-1
✱D701	B-1	IC508	E-3	Q504	E-3	TP102	C-1
		IC509	F-3	Q505	E-4	TP103	C-1
E101	C-6	IC600	C-3	✱Q520	E-2	TP104	C-1
E201	E-7	IC601	C-2	✱Q521	D-2	TP105	B-1
E401	F-1	IC602	D-1	✱Q524	E-1	TP106	B-1
E402	F-1	IC603	C-1	✱Q525	E-2	TP107	B-5
E601	B-1	IC604	D-2	✱Q526	E-3	TP201	F-7
E801	G-5	IC605	D-2	✱Q527	E-3	TP202	F-6
E901	A-5	IC606	A-1	✱Q600	C-1	TP203	F-1
		IC607	C-3	Q601	C-2	TP204	E-1
FL101	C-7	IC608	D-3	✱Q602	D-2	TP401	E-1
FL102	C-7	IC609	D-3	Q603	B-2	TP420	F-3
FL103	C-7	IC700	A-3	Q604	C-3	TP421	F-3
FL104	C-7	IC701	A-2	Q605	C-4	TP422	G-4
FL105	C-7	IC703	B-1	✱Q620	C-2	TP423	F-3
FL106	B-7	IC704	B-2	✱Q624	C-1	TP501	E-1
FL107	B-7	IC705	B-2	✱Q625	D-2	TP520	D-3
FL108	C-7	IC707	A-3	✱Q626	C-3	TP521	E-3
FL109	B-7	IC708	B-3	✱Q700	B-1	TP522	E-4
FL110	B-7	IC709	B-3	Q701	A-2	TP523	D-3
FL111	B-7	IC801	G-4	✱Q702	B-2	TP601	D-1
FL112	B-7	IC802	G-4	Q703	A-2	TP620	B-3
FL113	B-7	IC803	F-4	Q704	A-3	TP621	C-3
FL114	A-7	IC804	E-4	Q705	A-4	TP622	C-4
FL115	A-7	IC805	E-5	✱Q720	A-2	TP623	B-3
FL116	B-7	IC806	F-6	✱Q724	A-1	TP701	D-1
FL117	A-7	✱IC807	G-5	✱Q725	B-2	TP720	A-3
FL118	A-7	✱IC808	F-4	✱Q726	A-3	TP721	A-3
FL119	A-7	✱IC809	F-5	✱Q800	G-5	TP722	A-4
FL120	A-7	✱IC810	E-4	Q801	G-4	TP723	A-3
FL121	A-7	IC880	G-5	Q802	E-4	TP800	G-4
FL122	A-7	IC881	G-5	✱Q803	F-3	TP801	G-4
FL123	A-7	IC882	G-5	✱Q804	G-4	TP802	E-4
FL124	A-7	IC883	G-5	✱Q805	F-4	TP805	F-4
FL125	C-7	IC901	C-4	✱Q806	D-3	TP808	G-4
FL126	C-7	IC902	C-4	✱Q809	E-5	TP809	E-4
FL401	F-1	IC903	B-4	✱Q810	F-6	TP900	D-4
FL501	D-1	IC904	A-4	✱Q900	C-5	TP901	C-4
FL601	C-1	IC905	C-5	Q901	C-4	TP902	A-4
FL701	A-1	✱IC907	C-5	Q902	B-4	TP905	B-4
		✱IC908	B-4	✱Q903	B-3	TP908	C-4
IC101	C-7	✱IC909	B-5	✱Q904	C-4	TP909	A-4
IC102	C-7	✱IC910	A-4	✱Q905	B-4		
IC103	B-6	IC980	A-5	✱Q906	A-3		
✱IC104	C-7	IC981	A-5	✱Q909	A-5		
✱IC105	B-7	IC982	A-5				
✱IC106	A-7	IC983	A-5	RV401	F-3		
✱IC107	C-7			RV421	G-3		
IC108	A-6	PS1	F-7	RV501	E-3		
✱IC201	E-7			RV521	E-3		
IC202	E-7	✱Q101	B-5	RV601	B-3		
IC203	E-7	✱Q102	B-6	RV621	C-3		
IC204	G-7	✱Q103	B-5	RV701	A-3		

✱: B SIDE

LOT NO. A-1



EQ-45A BOARD -B SIDE-

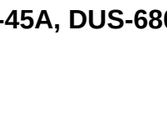
1-648-536-12 (LOT No. 303 - 306)
DVW-A500(J) ; EQ-45A MCB
DVW-A500(UC) ; EQ-45A MCB
DVW-A500P(EK) ; EQ-45AP MCB
DVW-A500P(UC) ; EQ-45APG MCB

EQ-45A, DUS-680/682/709/711

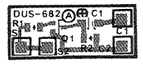
EQ-45A ; RF equalizer (REC current control, PB EQ), Betacam PB buffer
DUS-680/682/709/711

(Board's Lot No. 302)
DVW-A500P(EK)

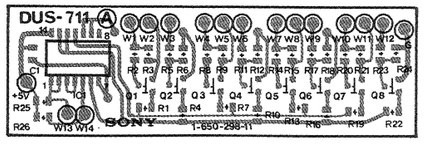
DUS-680 BOARD -A SIDE-
1-649-270-11



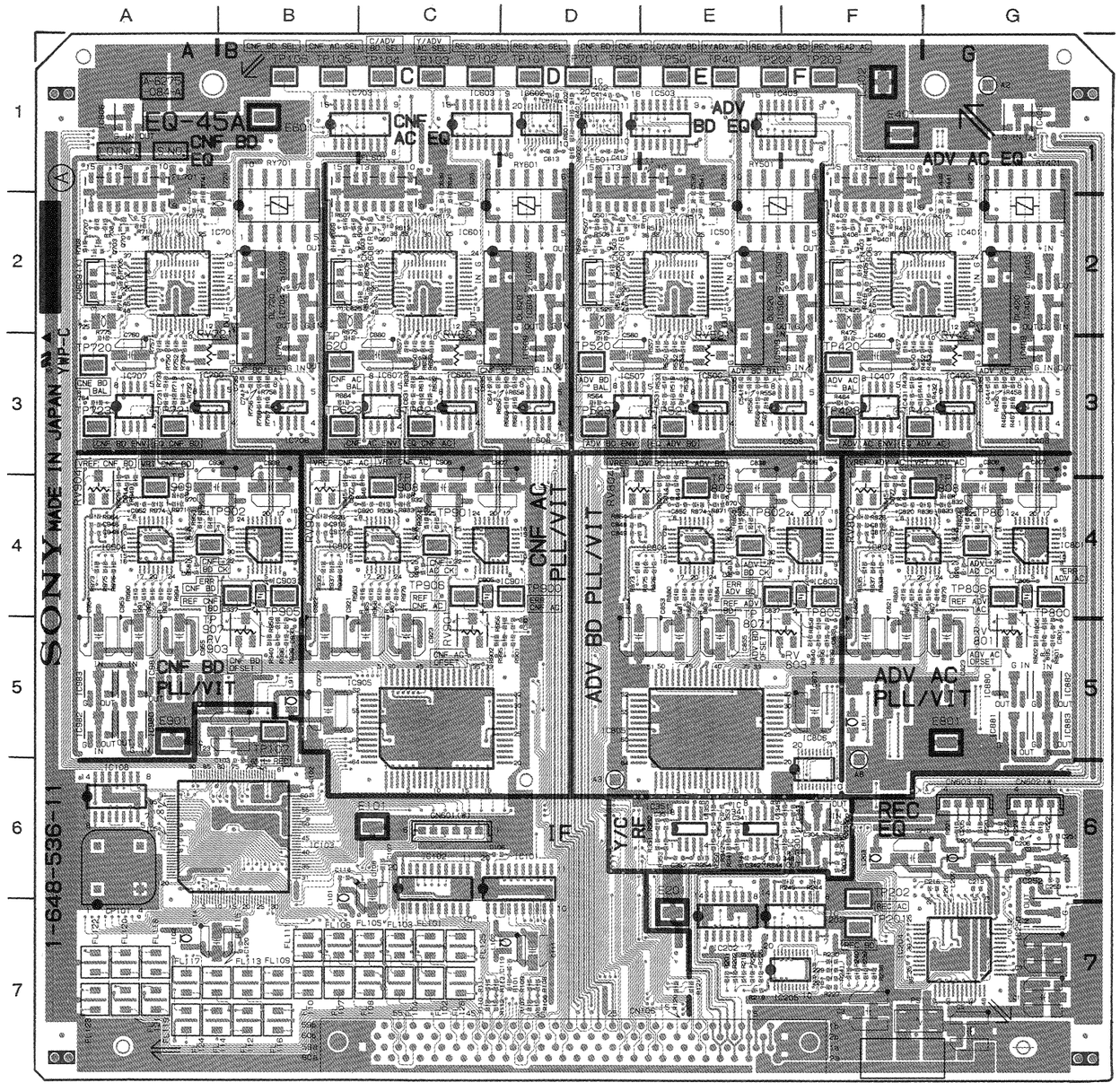
DUS-709 BOARD -A SIDE-
1-649-293-11



DUS-682 BOARD -A SIDE-
1-649-272-11



DUS-711 BOARD -A SIDE-
1-649-298-11



EQ-45A BOARD -A SIDE-
1-648-536-11 (LOT No. 302)
DVW-A500P(EK) ; EQ-45AP MCB

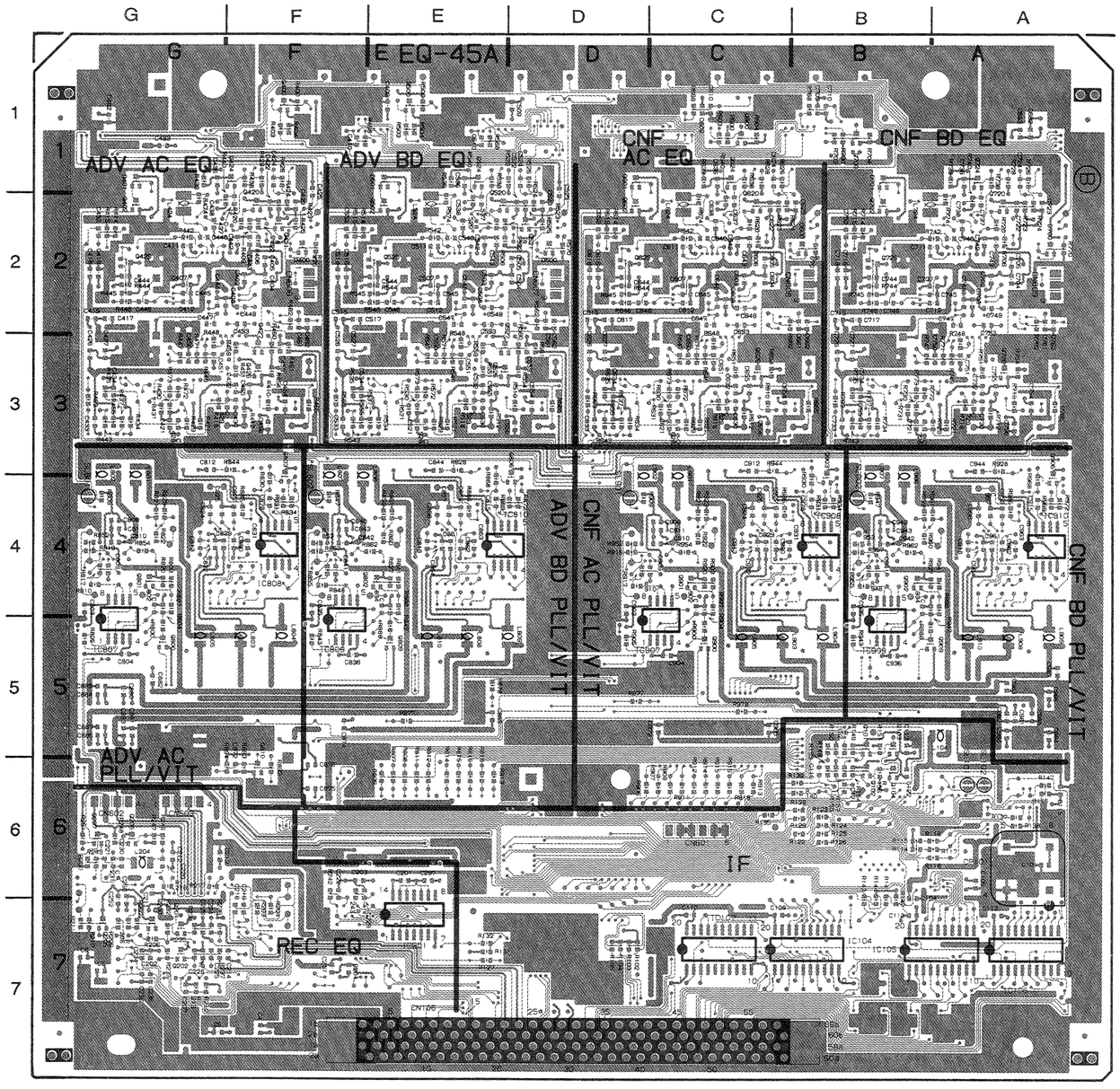
1-42 (a)

EQ-45A(1-648-536-11)

CN106	D-7	IC205	E-7	✱Q104	B-6	✱SL102	A-6
CN601	C-6	IC250	G-7	✱Q200	G-7	✱SL801	G-4
CN602	G-6	IC252	G-6	✱Q201	G-7	✱SL802	F-4
CN603	G-6	IC301	F-6	✱Q202	G-7	✱SL901	D-4
CN606	F-2	IC302	F-6	✱Q205	G-7	✱SL902	B-4
CN607	D-2	IC341	E-6	✱Q206	G-6		
CN608	B-2	IC351	E-6	✱Q207	G-6	TP101	D-1
CN609	A-2	IC400	G-3	✱Q400	F-1	TP102	C-1
		IC401	G-2	Q401	F-2	TP103	C-1
CP101	A-6	IC402	D-1	✱Q402	G-2	TP104	C-1
		IC403	E-1	Q403	F-2	TP105	B-1
DL420	G-2	IC404	G-2	✱Q420	F-2	TP106	B-1
DL520	E-2	IC405	G-2	✱Q421	F-2	TP107	B-5
DL620	C-2	IC406	G-1	✱Q424	F-1	TP201	F-7
DL720	B-2	IC407	F-3	✱Q425	G-2	TP202	F-6
		IC408	G-3	✱Q426	F-3	TP203	F-1
✱D400	F-2	IC409	G-3	✱Q427	F-3	TP204	E-1
✱D401	G-1	IC500	E-3	✱Q500	E-1	TP401	E-1
✱D500	D-2	IC501	E-2	Q501	D-2	TP420	F-3
✱D501	E-1	IC503	D-1	✱Q502	E-2	TP421	F-3
✱D600	B-2	IC504	F-2	Q503	D-2	TP423	F-3
✱D601	D-1	IC505	F-2	✱Q520	E-2	TP501	E-1
✱D700	A-2	IC507	D-3	✱Q521	D-2	TP520	D-3
✱D701	B-1	IC508	E-3	✱Q524	E-1	TP521	E-3
		IC509	F-3	✱Q525	E-2	TP523	D-3
E101	C-6	IC600	C-3	✱Q526	E-3	TP601	D-1
E201	E-7	IC601	C-2	✱Q527	E-3	TP620	B-3
E401	F-1	IC602	D-1	✱Q600	C-1	TP621	C-3
E402	F-1	IC603	C-1	Q601	C-2	TP623	B-3
E601	B-1	IC604	D-2	✱Q602	D-2	TP701	D-1
E801	G-5	IC605	D-2	Q603	B-2	TP720	A-3
E901	A-5	IC606	A-1	✱Q620	C-2	TP721	A-3
		IC607	C-3	✱Q624	C-1	TP723	A-3
FL101	C-7	IC608	D-3	✱Q625	D-2	TP800	G-4
FL102	C-7	IC609	D-3	✱Q626	C-3	TP801	G-4
FL103	C-7	IC700	A-3	✱Q700	B-1	TP802	E-4
FL104	C-7	IC701	A-2	Q701	A-2	TP805	F-4
FL105	C-7	IC703	B-1	✱Q702	B-2	TP806	G-4
FL106	B-7	IC704	B-2	Q703	A-2	TP807	E-4
FL107	B-7	IC705	B-2	✱Q720	A-2	TP808	G-4
FL108	C-7	IC707	A-3	✱Q724	A-1	TP809	E-4
FL109	B-7	IC708	B-3	✱Q725	B-2	TP900	D-4
FL110	B-7	IC709	B-3	✱Q726	A-3	TP901	C-4
FL111	B-7	IC801	G-4	✱Q800	G-5	TP902	A-4
FL112	B-7	IC802	G-4	✱Q801	G-4	TP905	B-4
FL113	B-7	IC803	F-4	✱Q802	E-4	TP906	C-4
FL114	A-7	IC804	E-4	✱Q803	F-3	TP907	B-4
FL115	A-7	IC805	E-5	✱Q806	D-3	TP908	C-4
FL116	B-7	IC806	F-6	✱Q809	E-5	TP909	A-4
FL117	A-7	✱IC807	G-5	✱Q810	F-6		
FL118	A-7	✱IC808	F-4	✱Q900	C-5		
FL119	A-7	✱IC809	F-5	✱Q901	C-4		
FL120	A-7	✱IC810	E-4	✱Q902	B-4		
FL121	A-7	IC880	G-5	✱Q903	B-3		
FL122	A-7	IC881	G-5	✱Q906	A-3		
FL123	A-7	IC882	G-5	✱Q909	A-5		
FL124	A-7	IC883	G-5				
FL125	C-7	IC901	C-4	RV421	G-3		
FL126	C-7	IC902	C-4	RV521	E-3		
FL401	F-1	IC903	B-4	RV621	C-3		
FL501	D-1	IC904	A-4	RV721	A-3		
FL601	C-1	IC905	C-5	RV801	G-5		
FL701	A-1	✱IC907	C-5	RV802	F-4		
		✱IC908	B-4	RV803	F-5		
IC101	C-7	✱IC909	B-5	RV804	D-4		
IC102	C-7	✱IC910	A-4	RV901	C-5		
IC103	B-6	IC980	A-5	RV902	B-4		
✱IC104	C-7	IC981	A-5	RV903	B-5		
✱IC105	B-7	IC982	A-5	RV904	A-4		
✱IC106	A-7	IC983	A-5				
✱IC107	C-7			RY401	G-2		
IC108	A-6	PS1	F-7	RY501	E-2		
✱IC201	E-7			RY601	D-2		
IC202	E-7	✱Q101	B-5	RY701	B-2		
IC203	E-7	✱Q102	B-6				
IC204	G-7	✱Q103	B-5	✱SL101	A-6		

✱: B SIDE

LOT NO. A-1

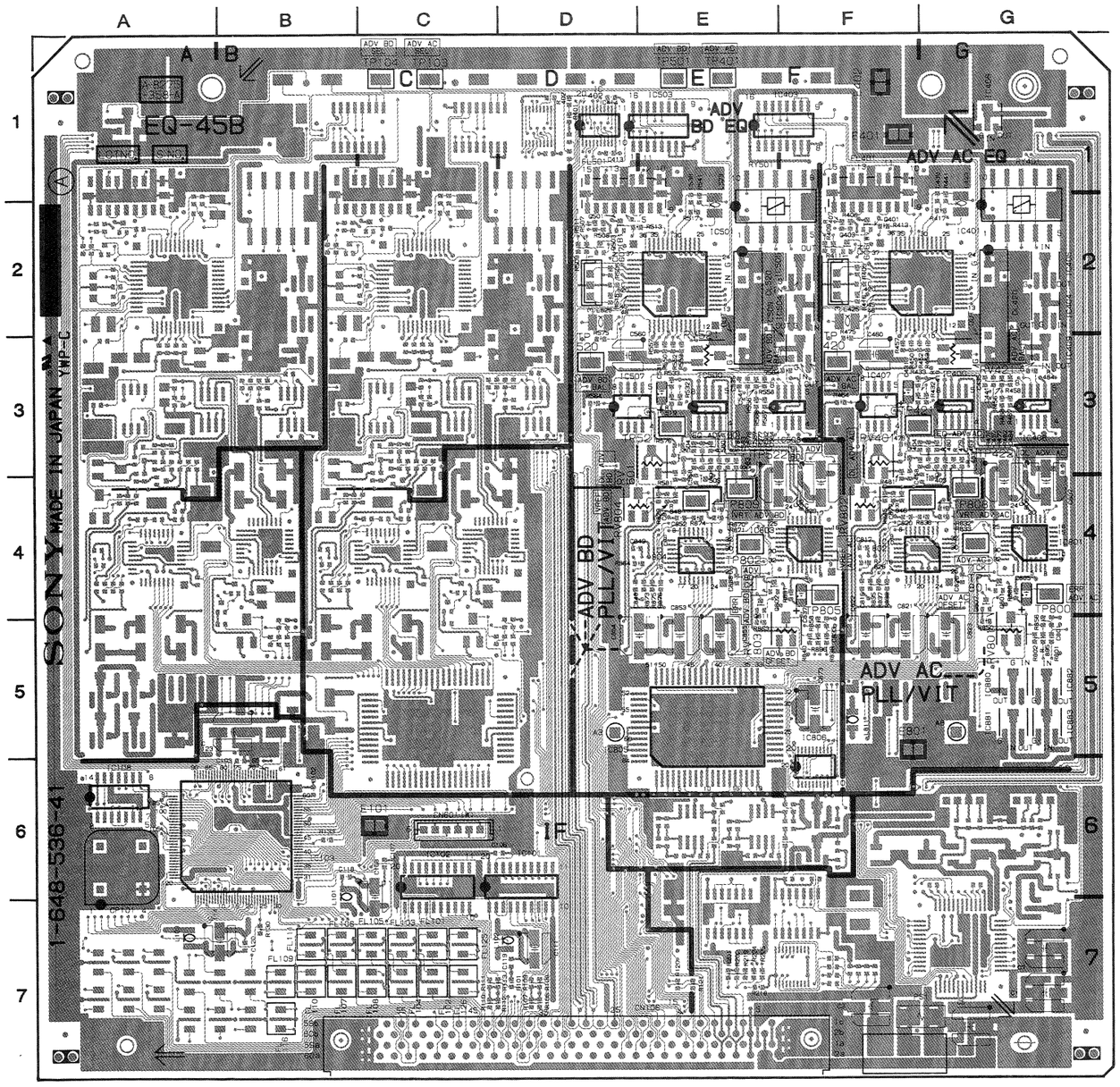


EQ-45A BOARD -B SIDE-

1-648-536-11 (LOT No. 302)
DVW-A500P(EK) ; EQ-45AP MCB

EQ-45B ; PB RF equalizer

(Board's Lot No. 308 and higher)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)



EQ-45B BOARD -A SIDE-

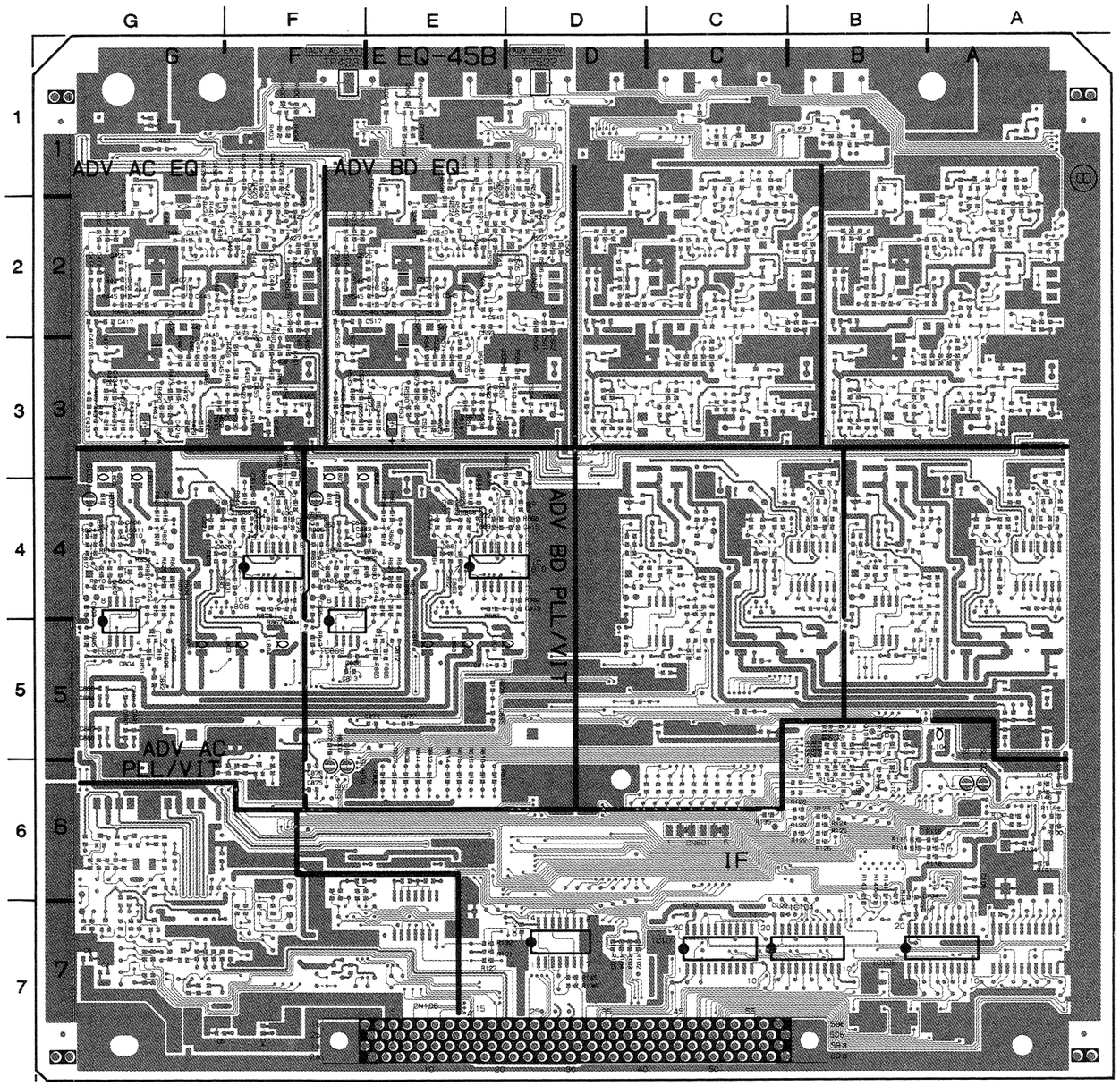
1-648-536-41 (LOT No. 308 -)
DVW-510(J) ; EQ-45B MCB
DVW-510(UC) ; EQ-45B MCB
DVW-510P(EK) ; EQ-45BP MCB

EQ-45B(1-648-536-41)

CN106	D-7	✱IC808	F-4	TP420	F-3
CN601	C-6	✱IC809	F-5	TP421	F-3
CN606	F-2	✱IC810	E-4	TP422	G-4
CN607	D-2	IC880	G-5	✱TP423	F-1
		IC881	G-5	TP501	E-1
CP101	A-6	IC882	G-5	TP520	D-3
		IC883	G-5	TP521	E-3
DL420	G-2			TP522	E-4
DL520	E-2	PS1	F-7	✱TP523	D-1
				TP800	G-4
✱D401	G-1	✱Q101	B-5	TP801	G-4
✱D501	E-1	✱Q102	B-6	TP802	E-4
✱D601	D-1	✱Q103	B-5	TP805	F-4
✱D701	B-1	✱Q104	B-6	TP808	G-4
		✱Q400	F-1	TP809	E-4
E101	C-6	Q401	F-2		
E401	F-1	✱Q402	G-2		
E402	F-1	Q403	F-2		
E801	G-5	Q404	F-3		
		Q405	G-4		
FL101	C-7	✱Q420	F-2		
FL102	C-7	✱Q424	F-1		
FL103	C-7	✱Q425	G-2		
FL104	C-7	✱Q426	F-3		
FL105	C-7	✱Q427	F-3		
FL106	B-7	✱Q500	E-1		
FL107	B-7	Q501	D-2		
FL108	C-7	✱Q502	E-2		
FL109	B-7	Q503	D-2		
FL110	B-7	Q504	E-3		
FL111	B-7	Q505	E-4		
FL116	B-7	✱Q520	E-2		
FL125	C-7	✱Q524	E-1		
FL126	C-7	✱Q525	E-2		
FL401	F-1	✱Q526	E-3		
FL501	D-1	Q801	G-4		
		Q802	E-4		
IC101	C-7	✱Q803	F-4		
IC102	C-7	✱Q804	G-4		
IC103	B-6	✱Q805	F-4		
✱IC104	C-7	✱Q806	D-4		
✱IC105	B-7	Q807	G-4		
✱IC107	C-7	✱Q808	G-5		
IC108	A-6	Q811	E-4		
✱IC109	D-7	✱Q812	E-5		
IC400	G-3	✱Q813	F-3		
IC401	G-2	✱Q814	D-3		
IC402	D-1				
IC403	E-1	RV401	F-3		
IC404	G-2	RV421	G-3		
IC405	G-2	RV501	E-3		
IC406	G-1	RV521	E-3		
IC407	F-3	RV801	G-5		
IC408	G-3	RV802	F-4		
IC409	G-3	RV803	F-5		
IC500	E-3	RV804	D-4		
IC501	E-2				
IC503	D-1	RY401	G-2		
IC504	F-2	RY501	E-2		
IC505	F-2				
IC507	D-3	✱SL101	A-6		
IC508	E-3	✱SL102	A-6		
IC509	F-3	✱SL801	G-4		
IC801	G-4	✱SL802	F-4		
IC802	G-4	✱SL803	E-6		
IC803	F-4	✱SL804	E-6		
IC804	E-4				
IC805	E-5	TP103	C-1		
IC806	F-6	TP104	C-1		
✱IC807	G-5	TP401	E-1		

✱: B SIDE

LOT NO. A-1



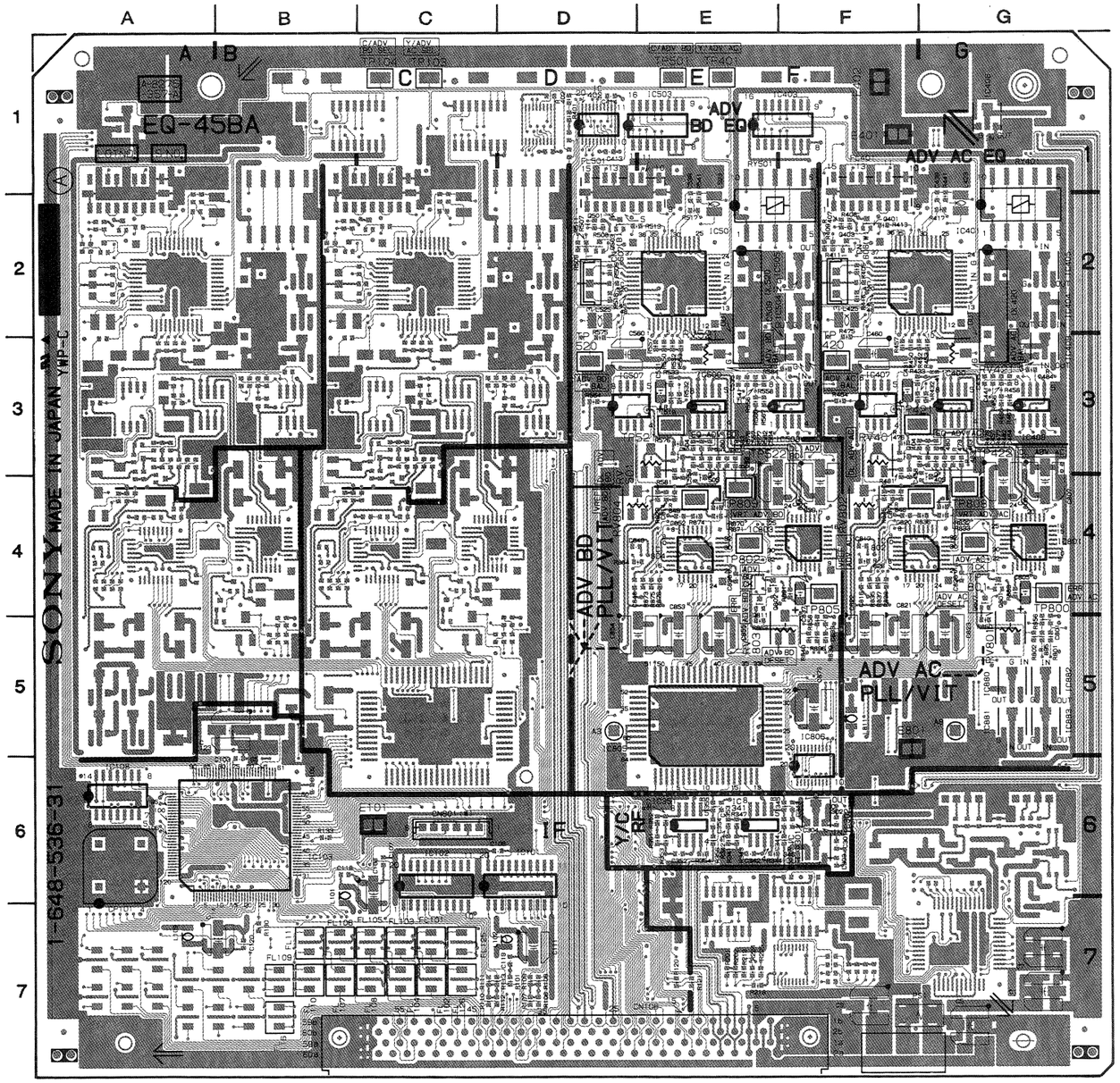
EQ-45B BOARD -B SIDE-

1-648-536-41 (LOT No. 308 -)

DVW-510(J) ; EQ-45B MCB
DVW-510(UC) ; EQ-45B MCB
DVW-510P(EK) ; EQ-45BP MCB

EQ-45BA ; PB RF equalizer, Betacam PB buffer

(Board's Lot No. 307 and higher)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



EQ-45BA BOARD -A SIDE-

1-648-536-31 (LOT No. 307 -)

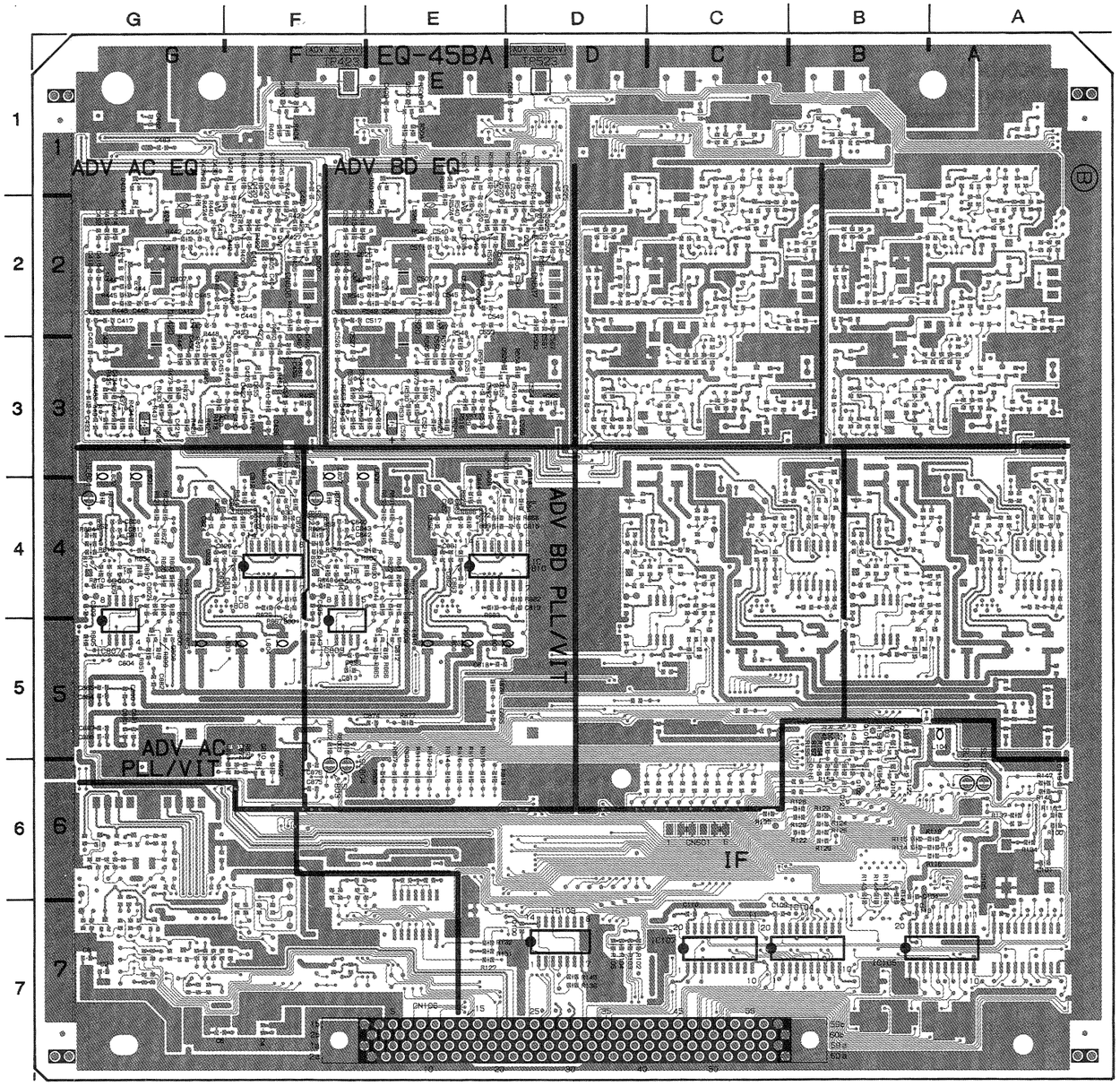
DVW-A510(J)	; EQ-45BA	MCB
DVW-A510(UC)	; EQ-45BA	MCB
DVW-A510P(EK)	; EQ-45BAP	MCB
DVW-CA510(J)	; EQ-45BA	MCB
DVW-CA510(UC)	; EQ-45BA	MCB
DVW-CA510P(EK)	; EQ-45BAP	MCB

EQ-45BA(1-648-536-31)

CN106	D-7	IC804	E-4	✱SL102	A-6
CN601	C-6	IC805	E-5	✱SL801	G-4
CN606	F-2	IC806	F-6	✱SL802	F-4
CN607	D-2	✱IC807	G-5	✱SL803	E-6
		✱IC808	F-4	✱SL804	E-6
CP101	A-6	✱IC809	F-5		
		✱IC810	E-4	TP103	C-1
DL420	G-2	IC880	G-5	TP104	C-1
DL520	E-2	IC881	G-5	TP401	E-1
		IC882	G-5	TP420	F-3
✱D401	G-1	IC883	G-5	TP421	F-3
✱D501	E-1			TP422	G-4
✱D601	D-1	PS1	F-7	✱TP423	F-1
✱D701	B-1			TP501	E-1
		✱Q101	B-5	TP520	D-3
E101	C-6	✱Q102	B-6	TP521	E-3
E401	F-1	✱Q103	B-5	TP522	E-4
E402	F-1	✱Q104	B-6	✱TP523	D-1
E801	G-5	✱Q400	F-1	TP800	G-4
		Q401	F-2	TP801	G-4
FL101	C-7	✱Q402	G-2	TP802	E-4
FL102	C-7	Q403	F-2	TP805	F-4
FL103	C-7	Q404	F-3	TP808	G-4
FL104	C-7	Q405	G-4	TP809	E-4
FL105	C-7	✱Q420	F-2		
FL106	B-7	✱Q421	F-2		
FL107	B-7	✱Q424	F-1		
FL108	C-7	✱Q425	G-2		
FL109	B-7	✱Q426	F-3		
FL110	B-7	✱Q427	F-3		
FL111	B-7	✱Q500	E-1		
FL116	B-7	Q501	D-2		
FL125	C-7	✱Q502	E-2		
FL126	C-7	Q503	D-2		
FL401	F-1	Q504	E-3		
FL501	D-1	Q505	E-4		
		✱Q520	E-2		
IC101	C-7	✱Q521	D-2		
IC102	C-7	✱Q524	E-1		
IC103	B-6	✱Q525	E-2		
✱IC104	C-7	✱Q526	E-3		
✱IC105	B-7	✱Q800	G-5		
✱IC107	C-7	Q801	G-4		
IC108	A-6	Q802	E-4		
✱IC109	D-7	✱Q803	F-3		
IC301	F-6	✱Q804	G-4		
IC302	F-6	✱Q805	F-4		
IC341	E-6	✱Q806	D-3		
IC351	E-6	Q807	G-4		
IC400	G-3	✱Q808	G-5		
IC401	G-2	✱Q809	E-5		
IC402	D-1	✱Q810	F-6		
IC403	E-1	Q811	E-4		
IC404	G-2	✱Q812	E-5		
IC405	G-2	✱Q813	F-3		
IC406	G-1	✱Q814	D-3		
IC407	F-3				
IC408	G-3	RV401	F-3		
IC409	G-3	RV421	G-3		
IC500	E-3	RV501	E-3		
IC501	E-2	RV521	E-3		
IC503	D-1	RV801	G-5		
IC504	F-2	RV802	F-4		
IC505	F-2	RV803	F-5		
IC507	D-3	RV804	D-4		
IC508	E-3				
IC509	F-3	RY401	G-2		
IC801	G-4	RY501	E-2		
IC802	G-4				
IC803	F-4	✱SL101	A-6		

✱: B SIDE

LOT NO. A-1



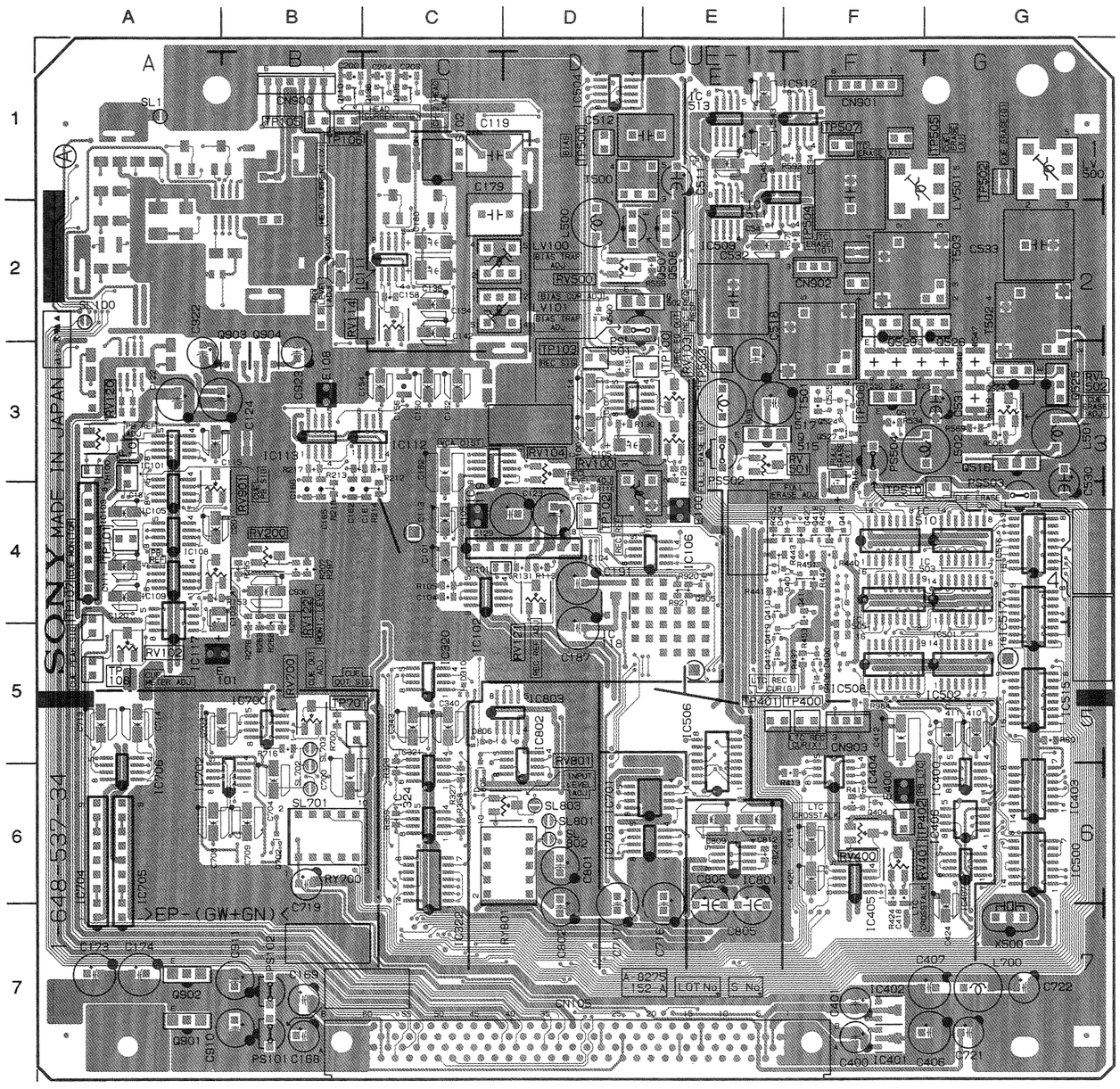
EQ-45BA BOARD -B SIDE-

1-648-536-31 (LOT No. 307 -)

DVW-A510(J)	; EQ-45BA	MCB
DVW-A510(UC)	; EQ-45BA	MCB
DVW-A510P(EK)	; EQ-45BAP	MCB
DVW-CA510(J)	; EQ-45BA	MCB
DVW-CA510(UC)	; EQ-45BA	MCB
DVW-CA510P(EK)	; EQ-45BAP	MCB

CUE-1 ; CUE REC/PB and LTC REC/PB circuits, CUE/LTC/FULL erase OSC

(Board's Lot No. 511 and higher)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-500P(UC)



CUE-1 BOARD -A SIDE-

1-648-537-34 (LOT No. 511 -)

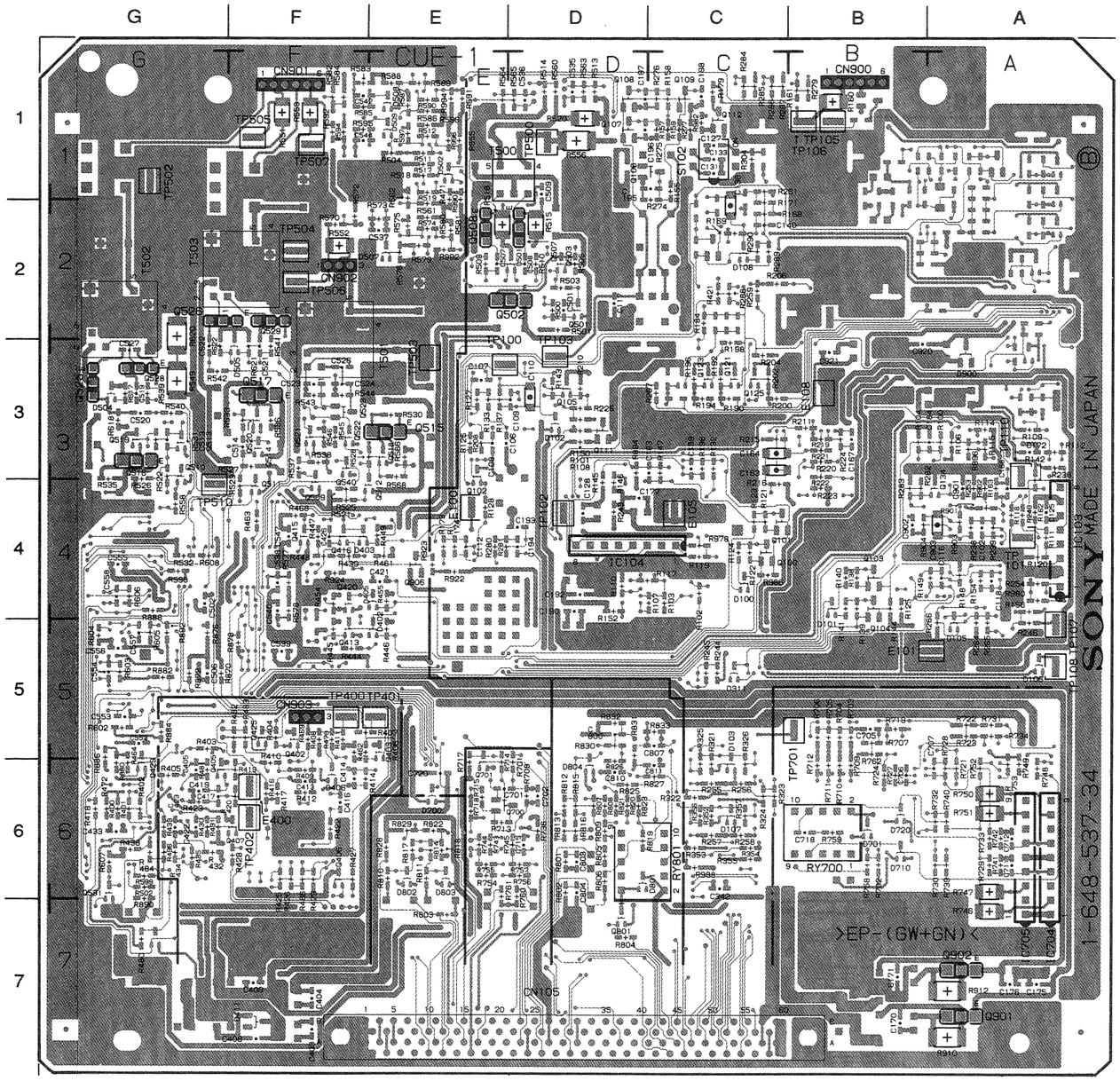
DVW-500(J)	; CUE-1	MCB
DVW-500(UC)	; CUE-1	MCB
DVW-500P(EK)	; CUE-1P	MCB
DVW-500P(UC)	; CUE-1PG	MCB

CUE-1(1-648-537-34)

CN105	D-7	IC500	G-6	✱Q425	F-5	T502	G-2
CN900	B-1	IC501	G-4	✱Q429	G-6	T503	F-2
CN901	F-1	IC502	G-5	Q500	D-2		
CN902	F-2	IC503	G-4	✱Q501	D-2	TH100	A-3
CN903	F-5	IC504	D-1	Q502	D-2	TH101	C-4
		IC505	F-4	✱Q503	D-2		
✱D100	C-4	IC506	E-6	Q507	D-2	TP100	E-3
✱D101	B-4	IC508	F-5	Q508	E-2	TP101	A-3
✱D102	D-3	IC509	E-2	✱Q509	F-4	TP102	D-4
✱D103	C-6	IC510	F-4	✱Q510	G-3	TP103	D-3
✱D105	A-5	IC511	F-2	✱Q511	F-3	TP105	B-1
✱D106	A-5	IC512	F-1	✱Q512	F-4	TP106	B-1
✱D107	C-6	IC513	E-1	✱Q513	G-3	TP107	A-4
✱D108	C-2	IC515	G-5	✱Q514	F-3	TP108	A-5
D310	C-5	IC516	G-4	Q515	E-3	TP110	A-3
✱D311	C-5	IC517	G-5	Q516	G-3	TP400	F-5
D400	F-5	IC700	B-5	Q517	F-3	TP401	E-5
D401	E-4	IC701	E-6	✱Q518	E-3	TP402	F-6
✱D402	E-5	IC702	B-6	✱Q519	G-3	TP500	D-1
✱D403	F-4	IC703	E-6	✱Q520	F-3	TP502	G-1
D404	F-4	IC704	A-7	✱Q521	F-3	TP503	E-3
✱D405	E-4	IC705	A-7	✱Q522	F-3	TP504	F-2
✱D406	F-6	IC706	A-6	✱Q523	F-3	TP505	F-1
✱D411	F-7	IC801	E-6	Q524	F-3	TP506	F-2
✱D501	D-2	IC802	D-6	Q525	G-3	TP507	F-1
✱D502	E-1	IC803	D-5	Q526	G-2	TP510	G-4
✱D504	G-3			Q527	F-3	TP701	B-5
✱D505	F-3	LV100	D-2	Q528	G-3		
✱D507	E-2	LV101	D-2	Q529	F-2	X500	G-7
✱D508	E-1	LV102	D-4	✱Q531	G-6		
✱D509	E-1	LV500	G-1	✱Q540	F-3		
✱D700	E-6	LV501	F-1	✱Q700	E-6		
✱D701	B-6			✱Q701	E-6		
✱D710	B-6	PS101	B-7	Q702	B-6		
✱D720	B-6	PS102	B-7	✱Q801	D-7		
✱D801	D-6	PS501	D-2	Q901	A-7		
✱D802	E-6	PS502	E-3	Q902	A-7		
✱D803	E-6	PS503	G-3	Q903	B-3		
✱D804	D-6	PS504	F-3	Q904	B-3		
D805	C-6			Q905	E-4		
D806	C-5	✱Q100	C-4	✱Q906	E-4		
✱D900	A-3	✱Q101	C-4				
		✱Q102	E-3	RV100	E-3		
E100	E-4	✱Q103	B-4	RV102	A-5		
E101	B-5	✱Q104	B-4	RV103	E-3		
E105	C-4	✱Q105	D-3	RV104	D-3		
E108	B-3	✱Q106	C-1	RV114	C-2		
E400	F-6	✱Q107	D-1	RV120	A-3		
		✱Q108	D-1	RV121	D-4		
IC101	A-3	✱Q109	C-1	RV122	A-4		
IC102	C-4	Q110	B-1	RV200	B-4		
IC103	A-4	✱Q111	D-3	RV400	F-6		
IC104	C-4	✱Q112	C-1	RV401	F-6		
IC105	A-4	✱Q121	C-3	RV500	D-2		
IC106	E-4	✱Q123	C-3	RV501	E-3		
IC107	E-3	✱Q125	C-3	RV502	G-3		
IC108	A-4	Q134	A-4	RV700	B-5		
IC109	A-4	Q135	C-1	RV801	D-6		
IC111	C-2	Q136	C-1	RV901	A-4		
IC112	C-3	✱Q402	F-5				
IC113	B-3	✱Q403	E-5	RY700	B-6		
IC117	A-5	Q404	F-6	RY801	D-6		
IC118	D-4	✱Q405	F-6				
IC119	C-4	✱Q406	F-6	S102	C-1		
IC320	C-5	✱Q407	F-6				
IC321	C-6	Q408	F-5	SL1	A-1		
IC322	C-6	Q410	E-4	SL100	A-2		
IC324	C-6	Q411	F-4	SL701	B-6		
IC400	G-6	Q412	E-5	SL702	B-6		
IC401	F-7	✱Q413	F-5	SL703	B-5		
IC402	F-7	✱Q415	F-4	SL801	D-6		
IC403	G-6	✱Q416	F-4	SL802	D-6		
IC404	F-6	Q417	F-4	SL803	D-6		
IC405	F-6	Q418	F-4				
IC406	G-6	Q419	E-5	T500	D-1		
IC407	G-6	✱Q420	F-4	T501	F-3		

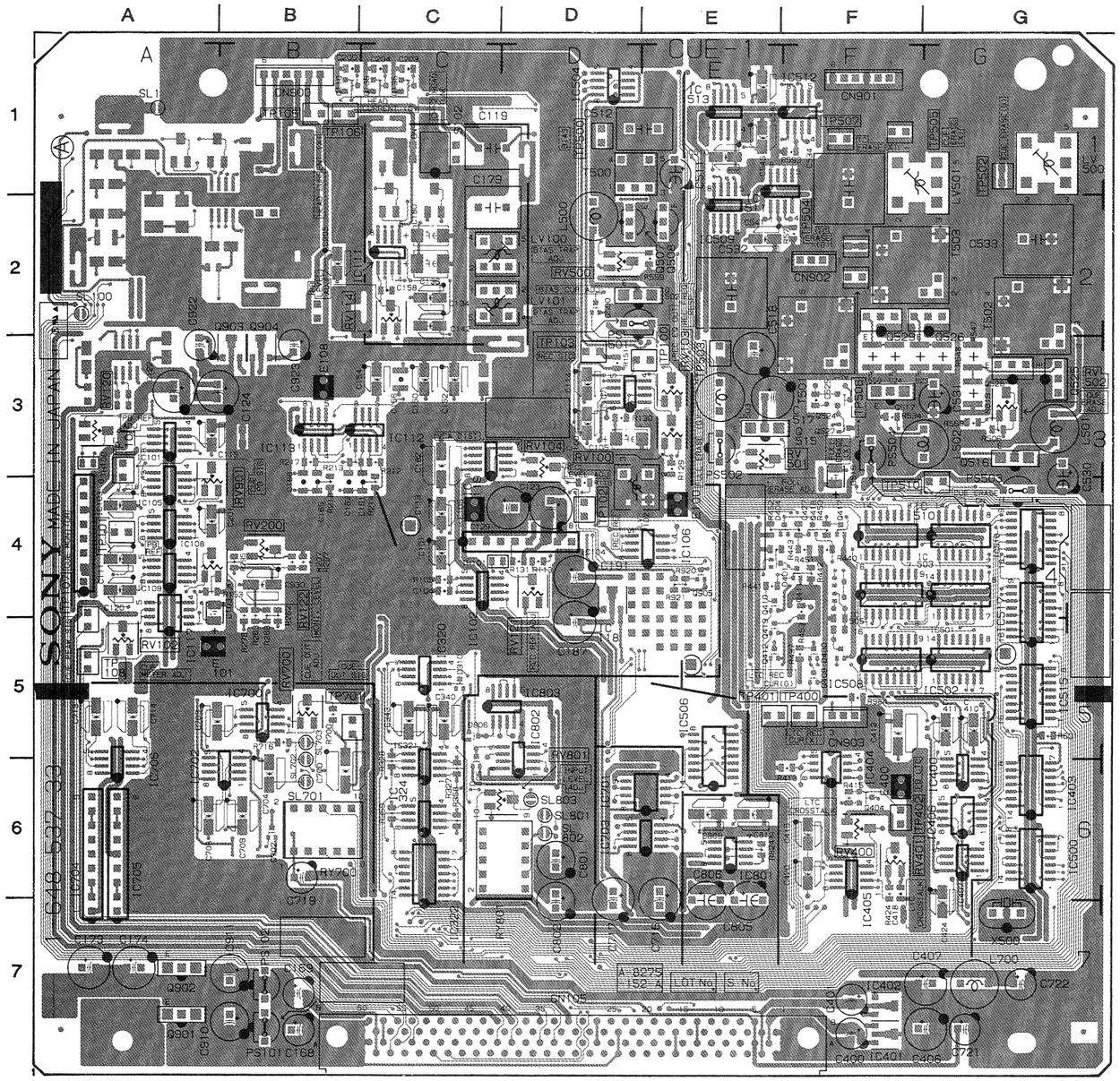
✱ : B SIDE

LOT NO. E-7



CUE-1 ; CUE REC/PB and LTC REC/PB circuits, CUE/LTC/FULL erase OSC

(Board's Lot No. 403 through 509)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-500P(UC)



CUE-1 BOARD -A SIDE-
1-648-537-33 (LOT No. 403 - 509)

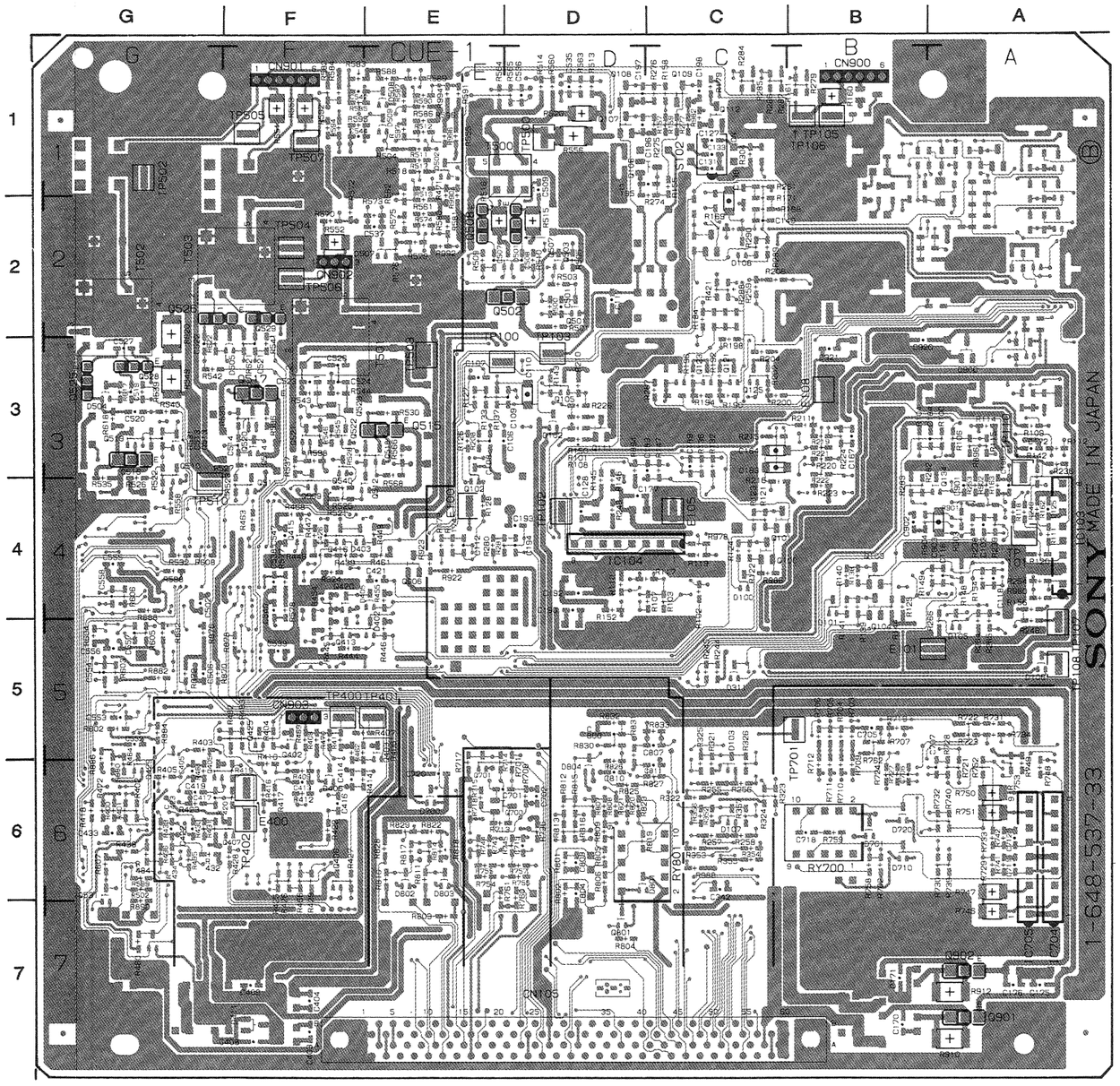
DVW-500(J)	; CUE-1	MCB
DVW-500(UC)	; CUE-1	MCB
DVW-500P(EK)	; CUE-1P	MCB
DVW-500P(UC)	; CUE-1PG	MCB

CUE-1(1-648-537-33)

CN105	D-7	IC500	G-6	✱Q425	F-5	T502	G-2
CN900	B-1	IC501	G-4	✱Q429	G-6	T503	F-2
CN901	F-1	IC502	G-5	Q500	D-2		
CN902	F-2	IC503	G-4	✱Q501	D-2	TH100	A-3
CN903	F-5	IC504	D-1	Q502	D-2	TH101	C-4
		IC505	F-4	✱Q503	D-2		
✱D100	C-4	IC506	E-6	Q507	D-2	TP100	E-3
✱D101	B-4	IC508	F-5	Q508	E-2	TP101	A-3
✱D102	D-3	IC509	E-2	✱Q509	F-4	TP102	D-4
✱D103	C-6	IC510	F-4	✱Q510	G-3	TP103	D-3
✱D105	A-5	IC511	F-2	✱Q511	F-3	TP105	B-1
✱D106	A-5	IC512	F-1	✱Q512	F-4	TP106	B-1
✱D107	C-6	IC513	E-1	✱Q513	G-3	TP107	A-4
✱D108	C-2	IC515	G-5	✱Q514	F-3	TP108	A-5
D310	C-5	IC516	G-4	Q515	E-3	TP110	A-3
✱D311	C-5	IC517	G-5	Q516	G-3	TP400	F-5
D400	F-5	IC700	B-5	Q517	F-3	TP401	E-5
D401	E-4	IC701	E-6	✱Q518	E-3	TP402	F-6
✱D402	E-5	IC702	B-6	✱Q519	G-3	TP500	D-1
✱D403	F-4	IC703	E-6	✱Q520	F-3	TP502	G-1
D404	F-4	IC704	A-7	✱Q521	F-3	TP503	E-3
✱D405	E-4	IC705	A-7	✱Q522	F-3	TP504	F-2
✱D406	F-6	IC706	A-6	✱Q523	F-3	TP505	F-1
✱D411	F-7	IC801	E-6	Q524	F-3	TP506	F-2
✱D501	D-2	IC802	D-6	Q525	G-3	TP507	F-1
✱D502	E-1	IC803	D-5	Q526	G-2	TP510	G-4
✱D504	G-3			Q527	F-3	TP701	B-5
✱D505	F-3	LV100	D-2	Q528	G-3		
✱D507	E-2	LV101	D-2	Q529	F-2	X500	G-7
✱D508	E-1	LV102	D-4	✱Q531	G-6		
✱D509	E-1	LV500	G-1	✱Q540	F-3		
✱D700	E-6	LV501	F-1	✱Q700	E-6		
✱D701	B-6			✱Q701	E-6		
✱D710	B-6	PS101	B-7	Q702	B-6		
✱D720	B-6	PS102	B-7	✱Q801	D-7		
✱D801	D-6	PS501	D-2	Q901	A-7		
✱D802	E-6	PS502	E-3	Q902	A-7		
✱D803	E-6	PS503	G-3	Q903	B-3		
✱D804	D-6	PS504	F-3	Q904	B-3		
D805	C-6			Q905	E-4		
D806	C-5	✱Q100	C-4	✱Q906	E-4		
✱D900	A-3	✱Q101	C-4				
		✱Q102	E-3	RV100	E-3		
E100	E-4	✱Q103	B-4	RV102	A-5		
E101	B-5	✱Q104	B-4	RV103	E-3		
E105	C-4	✱Q105	D-3	RV104	D-3		
E108	B-3	✱Q106	C-1	RV114	C-2		
E400	F-6	✱Q107	D-1	RV120	A-3		
		✱Q108	D-1	RV121	D-4		
IC101	A-3	✱Q109	C-1	RV122	A-4		
IC102	C-4	Q110	B-1	RV200	B-4		
IC103	A-4	✱Q111	D-3	RV400	F-6		
IC104	C-4	✱Q112	C-1	RV401	F-6		
IC105	A-4	✱Q121	C-3	RV500	D-2		
IC106	E-4	✱Q123	C-3	RV501	E-3		
IC107	E-3	✱Q125	C-3	RV502	G-3		
IC108	A-4	Q134	A-4	RV700	B-5		
IC109	A-4	Q135	C-1	RV801	D-6		
IC111	C-2	Q136	C-1	RV901	A-4		
IC112	C-3	✱Q402	F-5				
IC113	B-3	✱Q403	E-5	RY700	B-6		
IC117	A-5	Q404	F-6	RY801	D-6		
IC118	D-4	✱Q405	F-6				
IC119	C-4	✱Q406	F-6	S102	C-1		
IC320	C-5	✱Q407	F-6				
IC321	C-6	Q408	F-5	SL1	A-1		
IC322	C-6	Q410	E-4	SL100	A-2		
IC324	C-6	Q411	F-4	SL701	B-6		
IC400	G-6	Q412	E-5	SL702	B-6		
IC401	F-7	✱Q413	F-5	SL703	B-5		
IC402	F-7	✱Q415	F-4	SL801	D-6		
IC403	G-6	✱Q416	F-4	SL802	D-6		
IC404	F-6	Q417	F-4	SL803	D-6		
IC405	F-6	Q418	F-4				
IC406	G-6	Q419	E-5	T500	D-1		
IC407	G-6	✱Q420	F-4	T501	F-3		

✱ : B SIDE

LOT NO. E-7



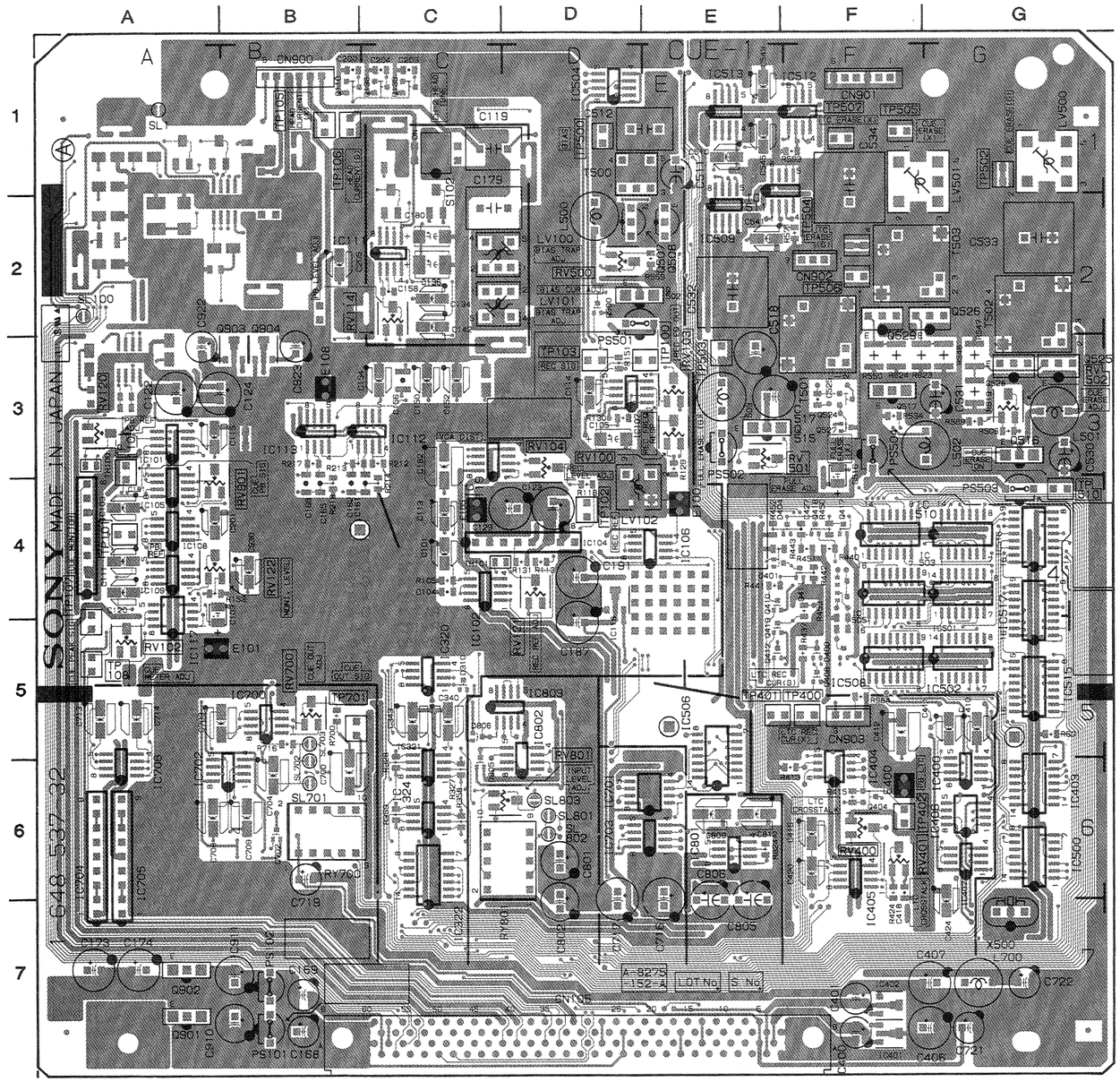
CUE-1 BOARD -B SIDE-

1-648-537-33 (LOT No. 403 - 509)

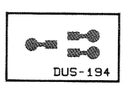
DVW-500(J)	; CUE-1	MCB
DVW-500(UC)	; CUE-1	MCB
DVW-500P(EK)	; CUE-1P	MCB
DVW-500P(UC)	; CUE-1PG	MCB

CUE-1 ; CUE REC/PB and LTC REC/PB circuits, CUE/LTC/FULL erase OSC
DUS-194

(Board's Lot No. 307 through 402)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)



CUE-1 BOARD -A SIDE-
1-648-537-32 (LOT No. 307 - 402)
DVW-500(J) ; CUE-1 MCB
DVW-500(UC) ; CUE-1 MCB
DVW-500P(EK) ; CUE-1P MCB



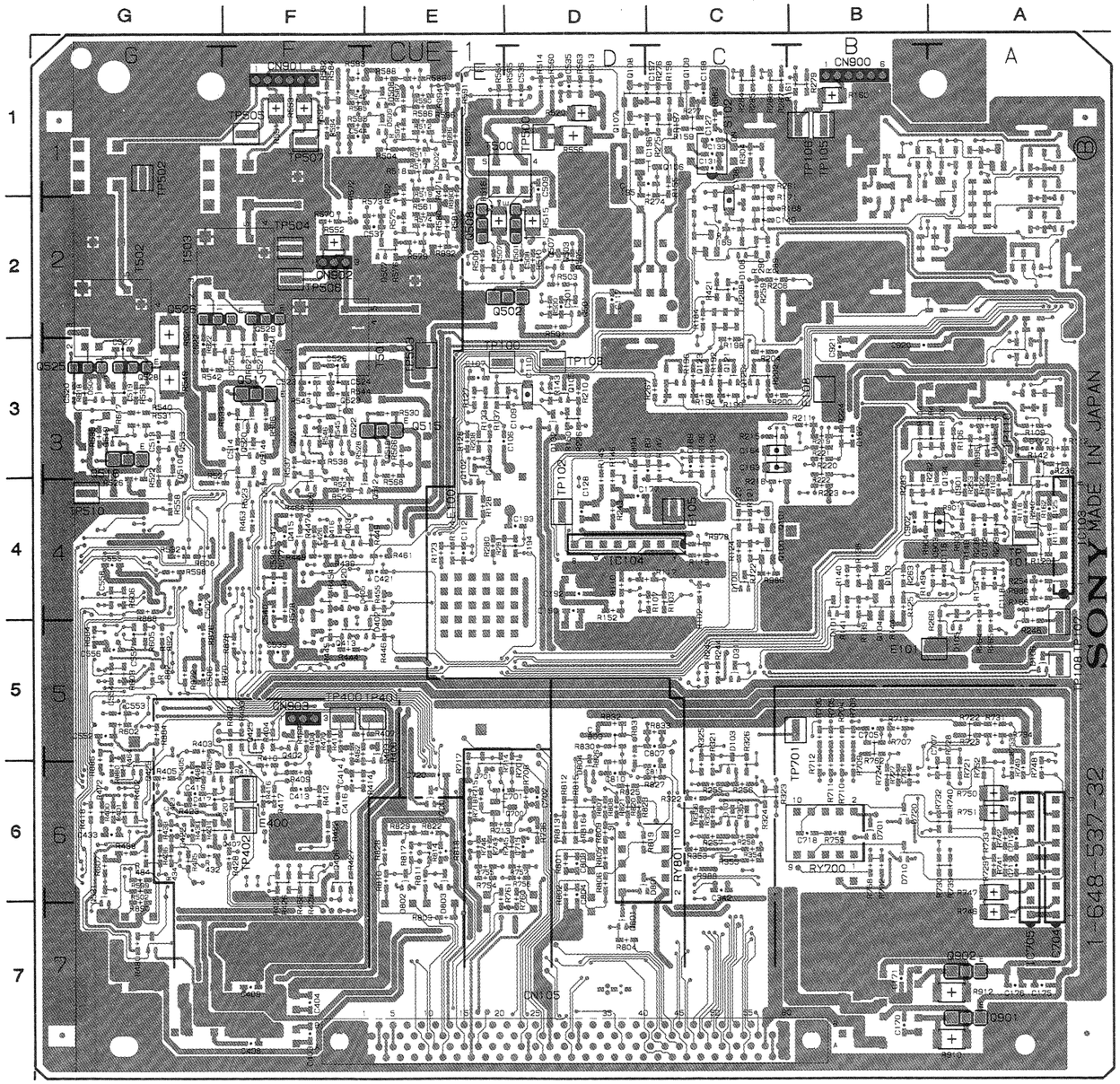
DUS-194 BOARD -SOLDERING SIDE-
1-623-599-12

CUE-1(1-648-537-32)

CN105	D-7	IC503	G-4	✱Q503	D-2	TP103	D-3
CN900	B-1	IC504	D-1	Q507	D-2	TP105	B-1
CN901	F-1	IC505	F-4	Q508	E-2	TP106	B-1
CN902	F-2	IC506	E-6	✱Q509	F-4	TP107	A-4
CN903	F-5	IC508	F-5	✱Q510	G-3	TP108	A-5
		IC509	E-2	✱Q511	F-3	TP110	A-3
✱D100	C-4	IC510	F-4	✱Q512	F-4	TP400	F-5
✱D101	B-4	IC511	F-2	✱Q513	G-3	TP401	E-5
✱D102	D-3	IC512	F-1	✱Q514	F-3	TP402	F-6
✱D103	C-6	IC513	E-1	Q515	E-3	TP500	D-1
✱D105	A-5	IC515	G-5	Q516	G-3	TP502	G-1
✱D106	A-5	IC516	G-4	Q517	F-3	TP503	E-3
✱D107	C-6	IC517	G-5	✱Q518	E-3	TP504	F-2
✱D108	C-2	IC700	B-5	✱Q519	G-3	TP505	F-1
D310	C-5	IC701	E-6	✱Q520	F-3	TP506	F-2
✱D311	C-5	IC702	B-6	✱Q521	F-3	TP507	F-1
D400	F-5	IC703	E-6	✱Q522	F-3	TP510	G-4
D401	E-4	IC704	A-7	✱Q523	F-3	TP701	B-5
✱D402	E-5	IC705	A-7	Q524	F-3		
✱D403	F-4	IC706	A-6	Q525	G-3	X500	G-7
D404	F-4	IC801	E-6	Q526	G-2		
✱D405	E-4	IC802	D-6	Q527	F-3		
✱D501	D-2	IC803	D-5	Q528	G-3		
✱D502	E-1			Q529	F-2		
✱D504	G-3	LV100	D-2	✱Q531	G-6		
✱D505	F-3	LV101	D-2	✱Q700	E-6		
✱D507	E-2	LV102	D-4	✱Q701	E-6		
✱D508	E-1	LV500	G-1	Q702	B-6		
✱D509	E-1	LV501	F-1	✱Q801	D-7		
✱D700	E-6			Q901	A-7		
✱D701	B-6	PS101	B-7	Q902	A-7		
✱D710	B-6	PS102	B-7	Q903	B-3		
✱D720	B-6	PS501	D-2	Q904	B-3		
✱D801	D-6	PS502	E-3				
✱D802	E-6	PS503	G-3	RV100	E-3		
✱D803	E-6	PS504	F-3	RV102	A-5		
✱D804	D-6			RV103	E-3		
D805	C-6	✱Q100	C-4	RV104	D-3		
D806	C-5	✱Q101	C-4	RV114	C-2		
		✱Q102	E-3	RV120	A-3		
E100	E-4	✱Q103	B-4	RV121	D-4		
E101	B-5	✱Q104	B-4	RV122	A-4		
E105	C-4	✱Q105	D-3	RV400	F-6		
E108	B-3	✱Q106	C-1	RV401	F-6		
E400	F-6	✱Q107	D-1	RV500	D-2		
		✱Q108	D-1	RV501	E-3		
IC101	A-3	✱Q109	C-1	RV502	G-3		
IC102	C-4	Q110	B-1	RV700	B-5		
IC103	A-4	✱Q121	C-3	RV801	D-6		
IC104	C-4	✱Q123	C-3	RV901	A-4		
IC105	A-4	✱Q125	C-3				
IC106	E-4	Q134	A-4	RY700	B-6		
IC107	E-3	Q135	C-1	RY801	D-6		
IC108	A-4	Q136	C-1				
IC109	A-4	✱Q402	F-5	S102	C-1		
IC111	C-2	✱Q403	E-5				
IC112	C-3	Q404	F-6	SL1	A-1		
IC113	B-3	✱Q405	F-6	SL100	A-2		
IC117	A-5	✱Q406	F-6	SL701	B-6		
IC118	D-4	✱Q407	F-6	SL702	B-6		
IC119	C-4	Q408	F-5	SL703	B-5		
IC320	C-5	Q410	E-4	SL801	D-6		
IC321	C-6	Q411	F-4	SL802	D-6		
IC322	C-6	Q412	E-5	SL803	D-6		
IC324	C-6	✱Q413	F-5				
IC400	G-6	✱Q415	F-4	T500	D-1		
IC401	F-7	✱Q416	F-4	T501	F-3		
IC402	F-7	Q417	F-4	T502	G-2		
IC403	G-6	Q418	F-4	T503	F-2		
IC404	F-6	Q419	E-5				
IC405	F-6	✱Q420	F-4	TH100	A-3		
IC406	G-6	✱Q425	F-5	TH101	C-4		
IC407	G-6	✱Q429	G-6				
IC500	G-6	Q500	D-2	TP100	E-3		
IC501	G-4	✱Q501	D-2	TP101	A-3		
IC502	G-5	Q502	D-2	TP102	D-4		

✱ : B SIDE

LOT NO. E-7

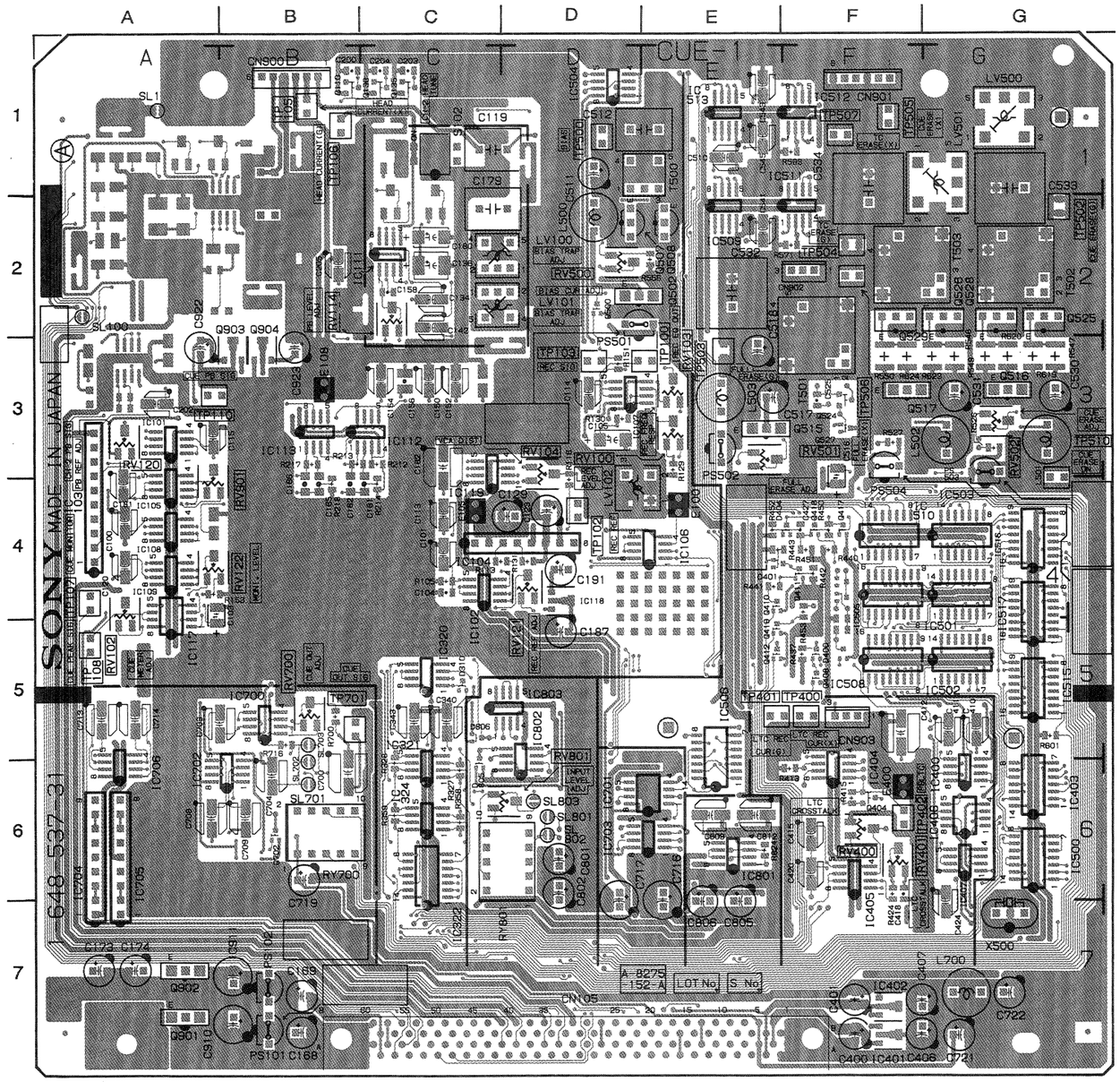


CUE-1 BOARD -B SIDE-

1-648-537-32 (LOT No. 307 - 402)
DVW-500(J) ; CUE-1 MCB
DVW-500(UC) ; CUE-1 MCB
DVW-500P(EK) ; CUE-1P MCB

CUE-1 ; CUE REC/PB and LTC REC/PB circuits, CUE/LTC/FULL erase OSC

(Board's Lot No. 303 through 306)
DVW-500(J)
DVW-500P(EK)

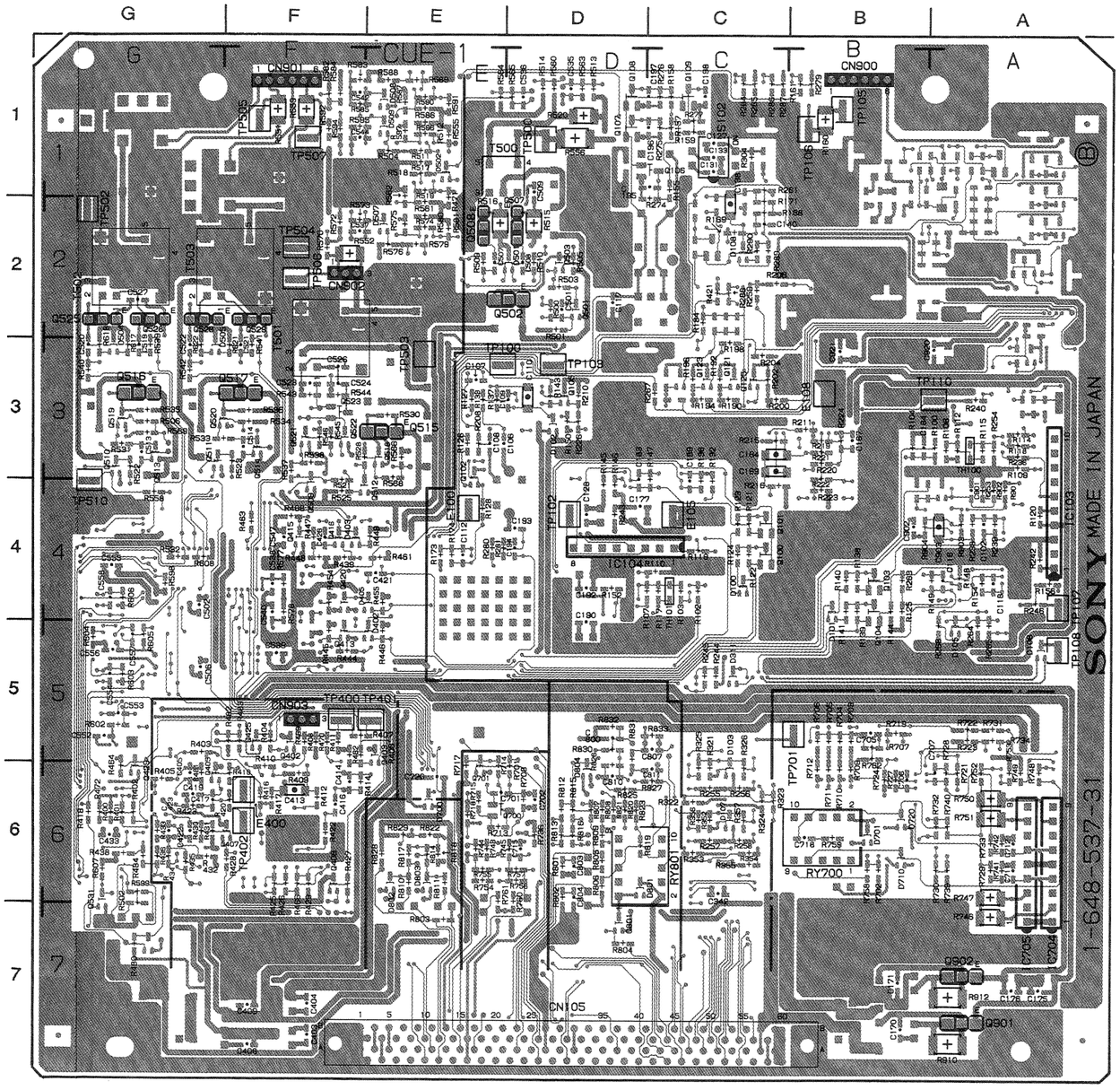


CUE-1(1-648-537-31)

CN105	D-7	IC504	D-1	Q508	E-2	TP107	A-4
CN900	B-1	IC505	F-4	✱Q509	F-4	TP108	A-5
CN901	F-1	IC506	E-6	✱Q510	G-3	TP110	A-3
CN902	F-2	IC508	F-5	✱Q511	F-3	TP400	F-5
CN903	F-5	IC509	E-2	✱Q512	F-4	TP401	E-5
		IC510	F-4	✱Q513	G-3	TP402	F-6
✱D100	C-4	IC511	F-2	✱Q514	F-3	TP500	D-1
✱D101	B-4	IC512	F-1	Q515	E-3	TP502	G-2
✱D102	D-3	IC513	E-1	Q516	G-3	TP503	E-3
✱D103	C-6	IC515	G-5	Q517	F-3	TP504	F-2
✱D105	A-5	IC516	G-4	✱Q518	E-3	TP505	F-1
✱D106	A-5	IC517	G-5	✱Q519	G-3	TP506	F-2
✱D107	C-6	IC700	B-5	✱Q520	F-3	TP507	F-1
✱D108	C-2	IC701	E-6	✱Q521	F-3	TP510	G-4
D310	C-5	IC702	B-6	✱Q522	F-3	TP701	B-5
✱D311	C-5	IC703	E-6	✱Q523	F-3		
D400	F-5	IC704	A-7	Q524	F-3	X500	G-7
D401	E-4	IC705	A-7	Q525	G-2		
✱D402	E-5	IC706	A-6	Q526	G-2		
✱D403	F-4	IC801	E-6	Q527	F-3		
D404	F-4	IC802	D-6	Q528	G-2		
✱D405	E-4	IC803	D-5	Q529	F-2		
✱D501	D-2			✱Q531	G-6		
✱D502	E-1	LV100	D-2	✱Q700	E-6		
✱D504	G-3	LV101	D-2	✱Q701	E-6		
✱D505	F-3	LV102	D-4	Q702	B-6		
✱D507	E-2	LV500	G-1	✱Q801	D-7		
✱D508	E-1	LV501	F-1	Q901	A-7		
✱D509	E-1			Q902	A-7		
✱D700	E-6	PS101	B-7	Q903	B-3		
✱D701	B-6	PS102	B-7	Q904	B-3		
✱D710	B-6	PS501	D-2				
✱D720	B-6	PS502	E-3	RV100	E-3		
✱D801	D-6	PS503	G-3	RV102	A-5		
✱D802	E-6	PS504	F-3	RV103	E-3		
✱D803	E-6			RV104	D-3		
✱D804	D-6	✱Q100	C-4	RV114	C-2		
D805	C-6	✱Q101	C-4	RV120	A-3		
D806	C-5	✱Q102	E-3	RV121	D-4		
		✱Q103	B-4	RV122	A-4		
E100	E-4	✱Q104	B-4	RV400	F-6		
E105	C-4	✱Q105	D-3	RV401	F-6		
E108	B-3	✱Q106	C-1	RV500	D-2		
E400	F-6	✱Q107	D-1	RV501	F-3		
		✱Q108	D-1	RV502	G-3		
IC101	A-3	✱Q109	C-1	RV700	B-5		
IC102	C-4	Q110	B-1	RV801	D-6		
IC103	A-4	✱Q121	C-3	RV901	A-4		
IC104	C-4	✱Q123	C-3				
IC105	A-4	✱Q125	C-3	RY700	B-6		
IC106	E-4	Q135	C-1	RY801	D-6		
IC107	E-3	Q136	C-1				
IC108	A-4	✱Q402	F-5	S102	C-1		
IC109	A-4	✱Q403	E-5				
IC111	C-2	Q404	F-6	SL1	A-1		
IC112	C-3	✱Q405	F-6	SL100	A-2		
IC113	B-3	✱Q406	F-6	SL701	B-6		
IC117	A-5	✱Q407	F-6	SL702	B-6		
IC118	D-4	Q408	F-5	SL703	B-5		
IC119	C-4	Q410	E-4	SL801	D-6		
IC320	C-5	Q411	F-4	SL802	D-6		
IC321	C-6	Q412	E-5	SL803	D-6		
IC322	C-6	✱Q413	F-5				
IC324	C-6	✱Q415	F-4	T500	E-1		
IC400	G-6	✱Q416	F-4	T501	F-2		
IC401	F-7	Q417	F-4	T502	G-2		
IC402	F-7	Q418	F-4	T503	F-2		
IC403	G-6	Q419	E-5				
IC404	F-6	✱Q420	F-4	✱TH100	A-3		
IC405	F-6	✱Q425	F-5	✱TH101	C-4		
IC406	G-6	✱Q429	G-6				
IC407	G-6	Q500	D-2	TP100	E-3		
IC500	G-6	✱Q501	D-2	TP102	D-4		
IC501	G-4	Q502	D-2	TP103	D-3		
IC502	G-5	✱Q503	D-2	TP105	B-1		
IC503	G-4	Q507	D-2	TP106	B-1		

✱: B SIDE

LOT NO. E-7



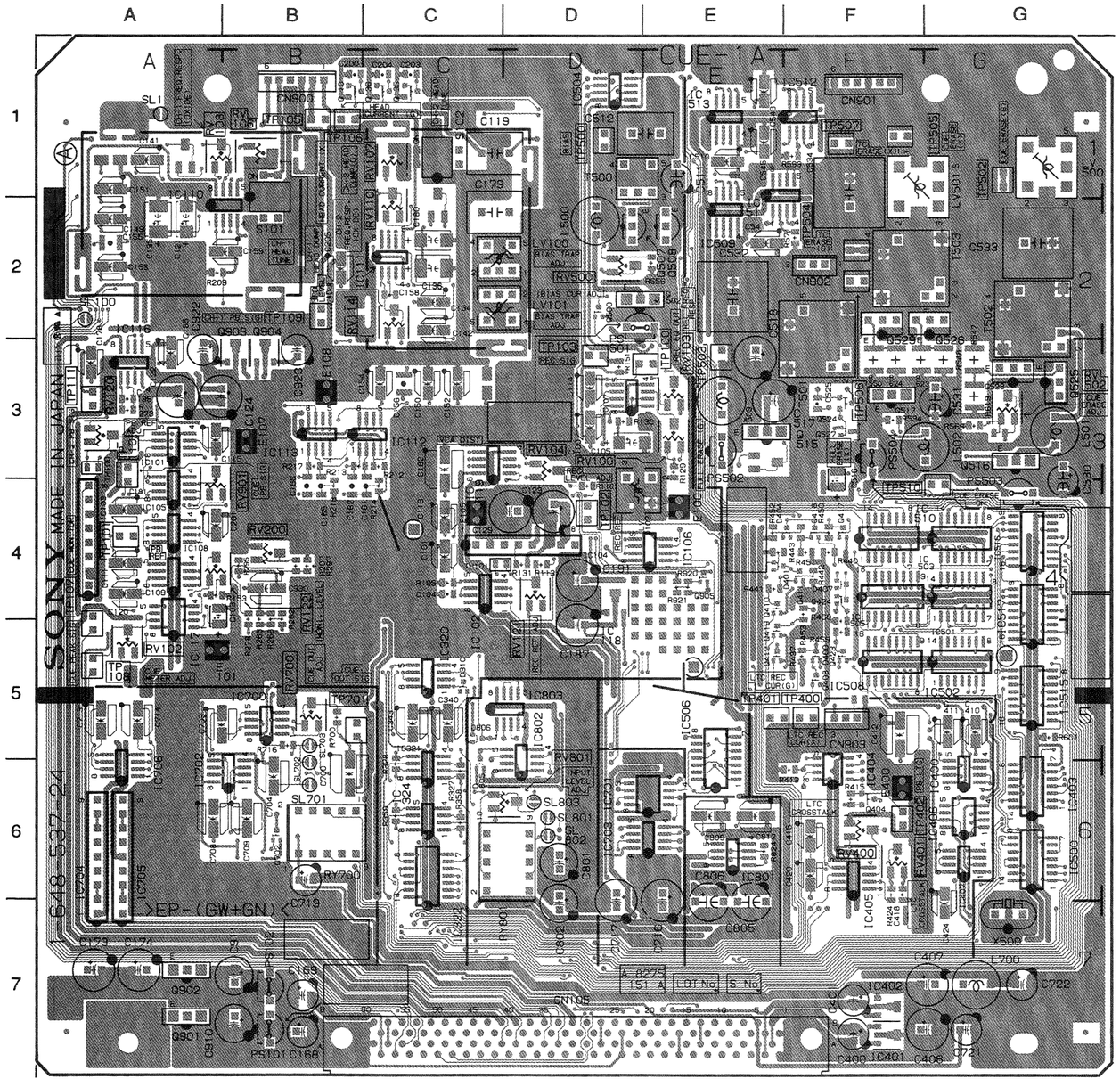
CUE-1 BOARD -B SIDE-

1-648-537-31 (LOT No. 303 - 306)

DVW-500(J) ; CUE-1 MCB
DVW-500(UC) ; CUE-1 MCB
DVW-500P(EK) ; CUE-1P MCB

CUE-1A ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for NTSC

(Board's Lot No. 511 and higher)
DVW-A500(J)
DVW-A500(UC)

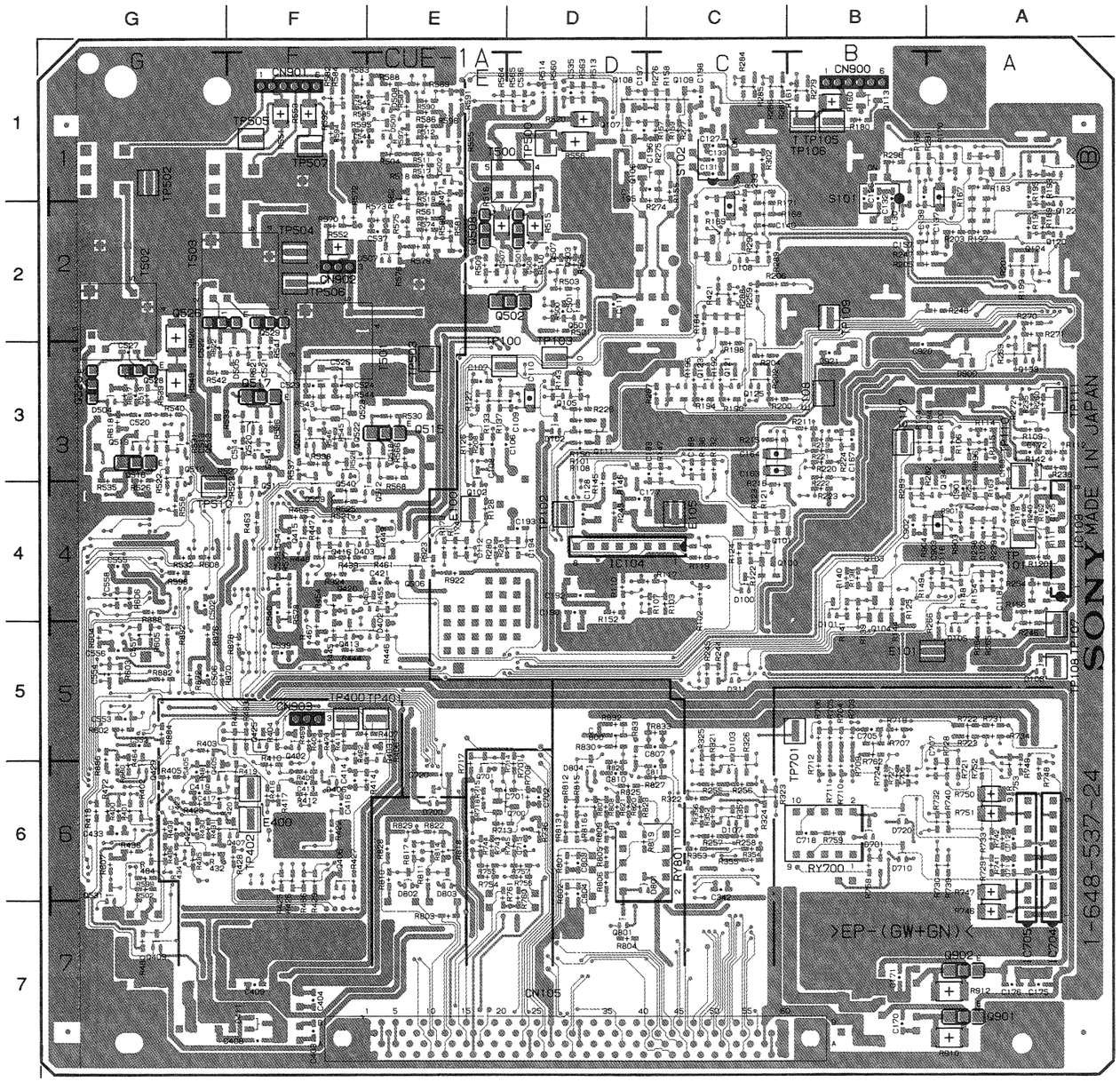


CUE-1A(1-648-537-24)

CN105	D-7	IC404	F-6	Q410	E-4	RY801	D-6
CN900	B-1	IC405	F-6	Q411	F-4		
CN901	F-1	IC406	G-6	Q412	E-5	S101	B-1
CN902	F-2	IC407	G-6	✱Q413	F-5	S102	C-1
CN903	F-5	IC500	G-6	✱Q415	F-4		
		IC501	G-4	✱Q416	F-4	SL1	A-1
✱D100	C-4	IC502	G-5	Q417	F-4	SL100	A-2
✱D101	B-4	IC503	G-4	Q418	F-4	SL701	B-6
✱D102	D-3	IC504	D-1	Q419	E-5	SL702	B-6
✱D103	C-6	IC505	F-4	✱Q420	F-4	SL703	B-5
✱D105	A-5	IC506	E-6	Q423	F-5	SL801	D-6
✱D106	A-5	IC508	F-5	Q424	F-4	SL802	D-6
✱D107	C-6	IC509	E-2	✱Q425	F-5	SL803	D-6
✱D108	C-2	IC510	F-4	✱Q429	G-6		
D310	C-5	IC511	F-2	Q500	D-2	T500	E-1
✱D311	C-5	IC512	F-1	✱Q501	D-2	T501	F-3
D400	F-5	IC513	E-1	Q502	D-2	T502	G-2
D401	E-4	IC515	G-5	✱Q503	D-2	T503	F-2
✱D402	E-5	IC516	G-4	Q507	D-2		
✱D403	F-4	IC517	G-5	Q508	E-2	TH100	A-3
D404	F-4	IC700	B-5	✱Q509	F-4	TH101	C-4
✱D405	E-4	IC701	E-6	✱Q510	G-3		
✱D406	F-6	IC702	B-6	✱Q511	F-3	TP100	E-3
D407	F-4	IC703	E-6	✱Q512	F-4	TP101	A-4
✱D411	F-7	IC704	A-7	✱Q513	G-3	TP102	D-4
✱D501	D-2	IC705	A-7	✱Q514	F-3	TP103	D-3
✱D502	E-1	IC706	A-6	Q515	E-3	TP105	B-1
✱D504	G-3	IC801	E-6	Q516	G-3	TP106	B-1
✱D505	F-3	IC802	D-6	Q517	F-3	TP107	A-4
✱D507	E-2	IC803	D-5	✱Q518	E-3	TP108	A-5
✱D508	E-1			✱Q519	G-3	TP109	B-2
✱D509	E-1	LV100	D-2	✱Q520	F-3	TP110	A-3
✱D700	E-6	LV101	D-2	✱Q521	F-3	TP111	A-3
✱D701	B-6	LV102	D-4	✱Q522	F-3	TP400	F-5
✱D710	B-6	LV500	G-1	✱Q523	F-3	TP401	E-5
✱D720	B-6	LV501	F-1	Q524	F-3	TP402	F-6
✱D801	D-6			Q525	G-2	TP500	D-1
✱D802	E-6	PS101	B-7	Q526	G-2	TP502	G-2
✱D803	E-6	PS102	B-7	Q527	F-3	TP503	E-3
✱D804	D-6	PS501	D-2	Q528	G-2	TP504	F-2
D805	C-6	PS502	E-3	Q529	G-2	TP505	F-1
D806	C-5	PS503	G-3	✱Q531	G-6	TP506	F-2
✱D900	A-3	PS504	F-3	✱Q540	F-3	TP507	F-1
				✱Q700	E-6	TP510	G-4
E100	E-4	✱Q100	C-4	✱Q701	E-6	TP701	B-5
E101	B-5	✱Q101	C-4	Q702	B-6		
E105	C-4	✱Q102	E-3	✱Q801	D-7	X500	G-7
E107	A-2	✱Q103	B-4	Q901	A-7		
E108	B-3	✱Q104	B-4	Q902	A-7		
E400	F-6	✱Q105	D-3	Q903	B-3		
		✱Q106	C-1	Q904	B-3		
IC101	A-3	✱Q107	D-1	Q905	E-4		
IC102	C-4	✱Q108	D-1	✱Q906	E-4		
IC103	A-4	✱Q109	C-1				
IC104	C-4	Q110	B-1	RV100	E-3		
IC105	A-4	✱Q111	D-3	RV102	A-4		
IC106	E-4	✱Q112	C-1	RV103	E-3		
IC107	E-3	✱Q113	B-1	RV104	D-3		
IC108	A-4	✱Q120	A-2	RV106	B-1		
IC109	A-4	✱Q121	C-3	RV107	C-1		
IC110	A-2	✱Q122	A-1	RV108	A-1		
IC111	C-2	✱Q123	C-3	RV110	C-2		
IC112	C-3	✱Q124	A-2	RV114	C-2		
IC113	B-3	✱Q125	C-3	RV120	A-3		
IC116	A-3	✱Q133	A-3	RV121	D-4		
IC117	A-5	✱Q134	A-4	RV122	A-4		
IC118	D-4	Q135	C-1	RV200	B-4		
IC119	D-4	Q136	C-1	RV400	F-6		
IC320	C-5	✱Q402	F-5	RV401	F-6		
IC321	C-6	✱Q403	E-5	RV500	D-2		
IC322	C-6	Q404	F-6	RV502	G-3		
IC324	C-6	✱Q405	F-6	RV700	B-5		
IC400	G-6	✱Q406	F-6	RV801	D-6		
IC401	F-7	✱Q407	F-6	RV901	A-4		
IC402	F-7	Q408	F-5				
IC403	G-6	✱Q409	G-7	RY700	B-6		

✱ : B SIDE

LOT NO. E-7



CUE-1A BOARD -B SIDE-

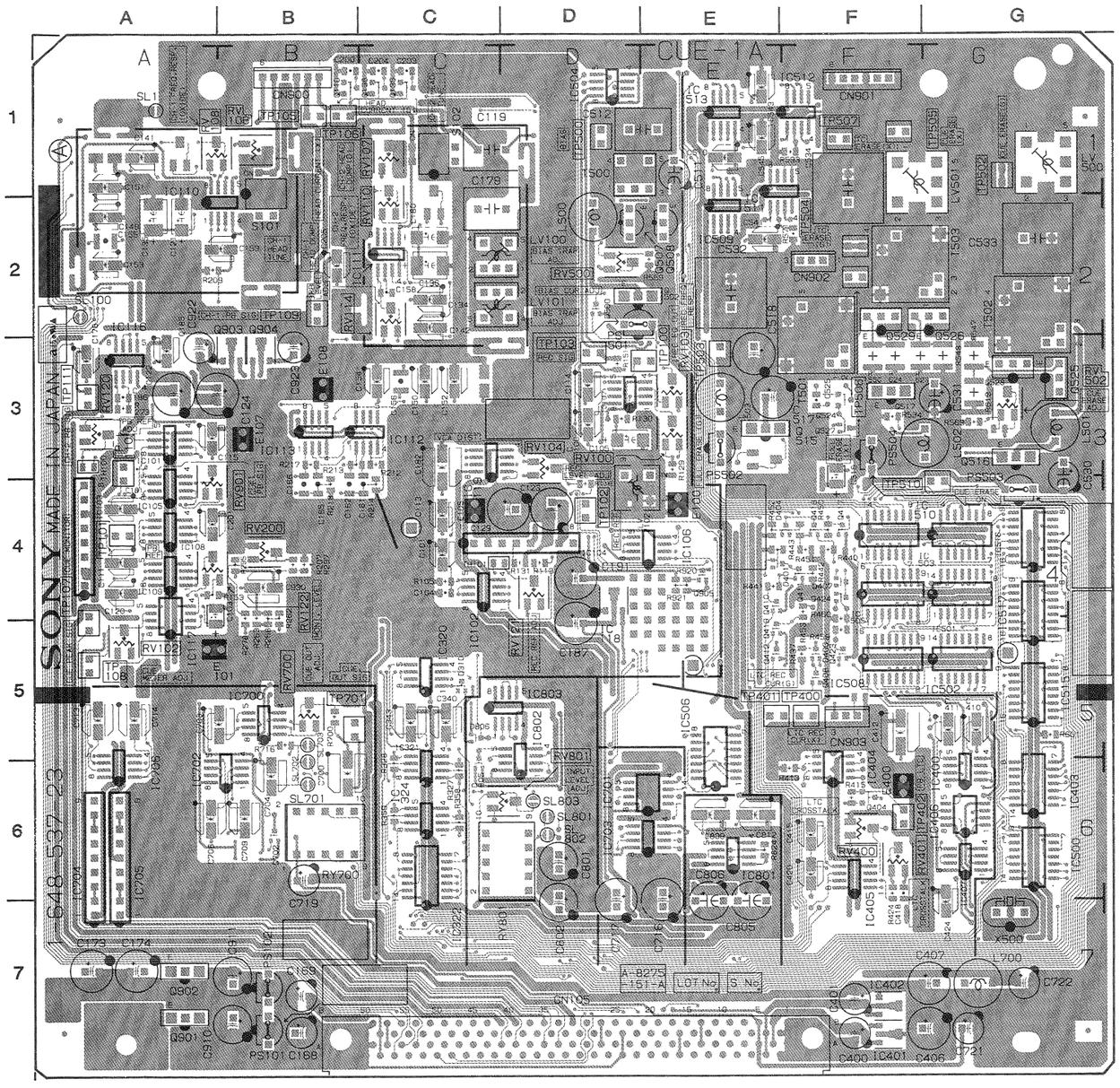
1-648-537-24 (LOT No. 511 -)

DVW-A500(J) ; CUE-1A MCB

DVW-A500(UC) ; CUE-1A MCB

CUE-1A ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for NTSC

(Board's Lot No. 403 through 509)
DVW-A500(J)
DVW-A500(UC)



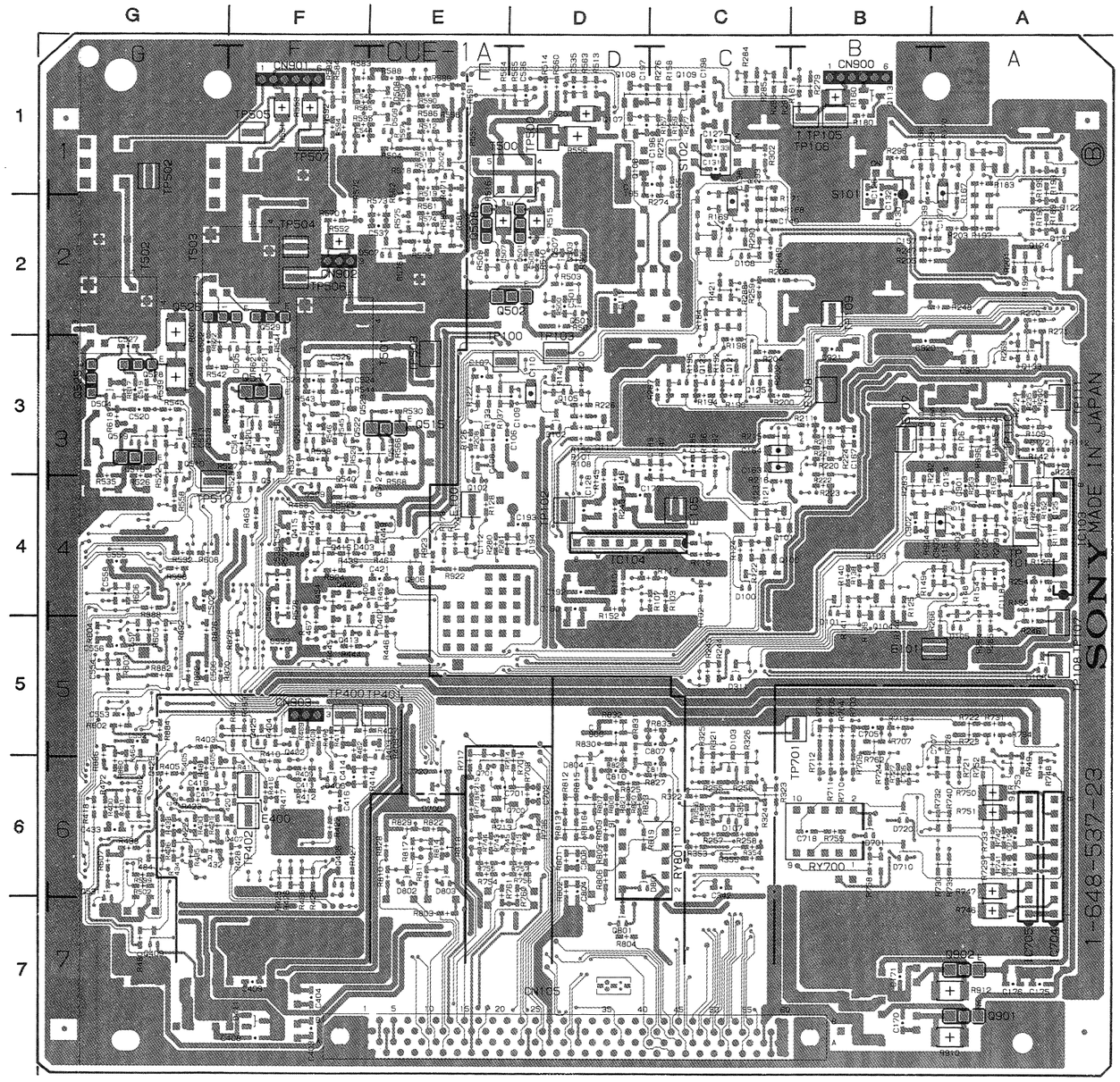
CUE-1A BOARD -A SIDE-
1-648-537-23 (LOT No. 403 - 509)
DVW-A500(J) ; CUE-1A MCB
DVW-A500(UC) ; CUE-1A MCB

CUE-1A(1-648-537-23)

CN105	D-7	IC404	F-6	Q410	E-4	RY801	D-6
CN900	B-1	IC405	F-6	Q411	F-4		
CN901	F-1	IC406	G-6	Q412	E-5	S101	B-1
CN902	F-2	IC407	G-6	✱Q413	F-5	S102	C-1
CN903	F-5	IC500	G-6	✱Q415	F-4		
		IC501	G-4	✱Q416	F-4	SL1	A-1
✱D100	C-4	IC502	G-5	Q417	F-4	SL100	A-2
✱D101	B-4	IC503	G-4	Q418	F-4	SL701	B-6
✱D102	D-3	IC504	D-1	Q419	E-5	SL702	B-6
✱D103	C-6	IC505	F-4	✱Q420	F-4	SL703	B-5
✱D105	A-5	IC506	E-6	Q423	F-5	SL801	D-6
✱D106	A-5	IC508	F-5	Q424	F-4	SL802	D-6
✱D107	C-6	IC509	E-2	✱Q425	F-5	SL803	D-6
✱D108	C-2	IC510	F-4	✱Q429	G-6		
D310	C-5	IC511	F-2	Q500	D-2	T500	E-1
✱D311	C-5	IC512	F-1	✱Q501	D-2	T501	F-3
D400	F-5	IC513	E-1	Q502	D-2	T502	G-2
D401	E-4	IC515	G-5	✱Q503	D-2	T503	F-2
✱D402	E-5	IC516	G-4	Q507	D-2		
✱D403	F-4	IC517	G-5	Q508	E-2	TH100	A-3
D404	F-4	IC700	B-5	✱Q509	F-4	TH101	C-4
✱D405	E-4	IC701	E-6	✱Q510	G-3		
✱D406	F-6	IC702	B-6	✱Q511	F-3	TP100	E-3
D407	F-4	IC703	E-6	✱Q512	F-4	TP101	A-4
✱D411	F-7	IC704	A-7	✱Q513	G-3	TP102	D-4
✱D501	D-2	IC705	A-7	✱Q514	F-3	TP103	D-3
✱D502	E-1	IC706	A-6	Q515	E-3	TP105	B-1
✱D504	G-3	IC801	E-6	Q516	G-3	TP106	B-1
✱D505	F-3	IC802	D-6	Q517	F-3	TP107	A-4
✱D507	E-2	IC803	D-5	✱Q518	E-3	TP108	A-5
✱D508	E-1			✱Q519	G-3	TP109	B-2
✱D509	E-1	LV100	D-2	✱Q520	F-3	TP110	A-3
✱D700	E-6	LV101	D-2	✱Q521	F-3	TP111	A-3
✱D701	B-6	LV102	D-4	✱Q522	F-3	TP400	F-5
✱D710	B-6	LV500	G-1	✱Q523	F-3	TP401	E-5
✱D720	B-6	LV501	F-1	Q524	F-3	TP402	F-6
✱D801	D-6			Q525	G-2	TP500	D-1
✱D802	E-6	PS101	B-7	Q526	G-2	TP502	G-2
✱D803	E-6	PS102	B-7	Q527	F-3	TP503	E-3
✱D804	D-6	PS501	D-2	Q528	G-2	TP504	F-2
D805	C-6	PS502	E-3	Q529	G-2	TP505	F-1
D806	C-5	PS503	G-3	✱Q531	G-6	TP506	F-2
✱D900	A-3	PS504	F-3	✱Q540	F-3	TP507	F-1
				✱Q700	E-6	TP510	G-4
E100	E-4	✱Q100	C-4	✱Q701	E-6	TP701	B-5
E101	B-5	✱Q101	C-4	Q702	B-6		
E105	C-4	✱Q102	E-3	✱Q801	D-7	X500	G-7
E107	A-2	✱Q103	B-4	Q901	A-7		
E108	B-3	✱Q104	B-4	Q902	A-7		
E400	F-6	✱Q105	D-3	Q903	B-3		
		✱Q106	C-1	Q904	B-3		
IC101	A-3	✱Q107	D-1	Q905	E-4		
IC102	C-4	✱Q108	D-1	✱Q906	E-4		
IC103	A-4	✱Q109	C-1				
IC104	C-4	Q110	B-1	RV100	E-3		
IC105	A-4	✱Q111	D-3	RV102	A-4		
IC106	E-4	✱Q112	C-1	RV103	E-3		
IC107	E-3	✱Q113	B-1	RV104	D-3		
IC108	A-4	✱Q120	A-2	RV106	B-1		
IC109	A-4	✱Q121	C-3	RV107	C-1		
IC110	A-2	✱Q122	A-1	RV108	A-1		
IC111	C-2	✱Q123	C-3	RV110	C-2		
IC112	C-3	✱Q124	A-2	RV114	C-2		
IC113	B-3	✱Q125	C-3	RV120	A-3		
IC116	A-3	✱Q133	A-3	RV121	D-4		
IC117	A-5	✱Q134	A-4	RV122	A-4		
IC118	D-4	Q135	C-1	RV200	B-4		
IC119	D-4	Q136	C-1	RV400	F-6		
IC320	C-5	✱Q402	F-5	RV401	F-6		
IC321	C-6	✱Q403	E-5	RV500	D-2		
IC322	C-6	Q404	F-6	RV502	G-3		
IC324	C-6	✱Q405	F-6	RV700	B-5		
IC400	G-6	✱Q406	F-6	RV801	D-6		
IC401	F-7	✱Q407	F-6	RV901	A-4		
IC402	F-7	Q408	F-5				
IC403	G-6	✱Q409	G-7	RY700	B-6		

✱ : B SIDE

LOT NO. E-7

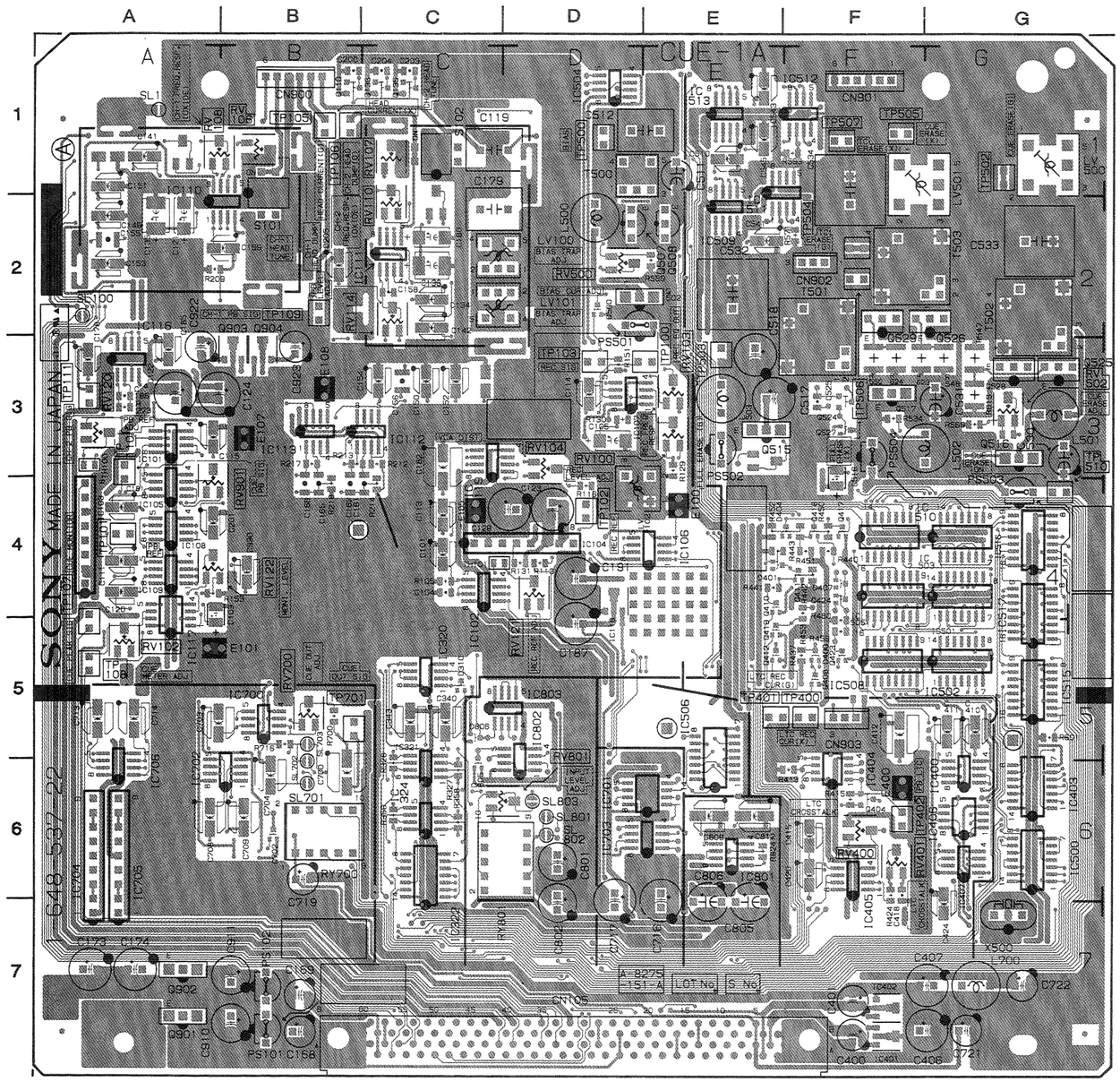


CUE-1A BOARD -B SIDE-

1-648-537-23 (LOT No. 403 - 509)
DVW-A500(J) ; CUE-1A MCB
DVW-A500(UC) ; CUE-1A MCB

CUE-1A ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for NTSC
DUS-194

(Board's Lot No. 307 through 402)
DVW-A500(J)
DVW-A500(UC)

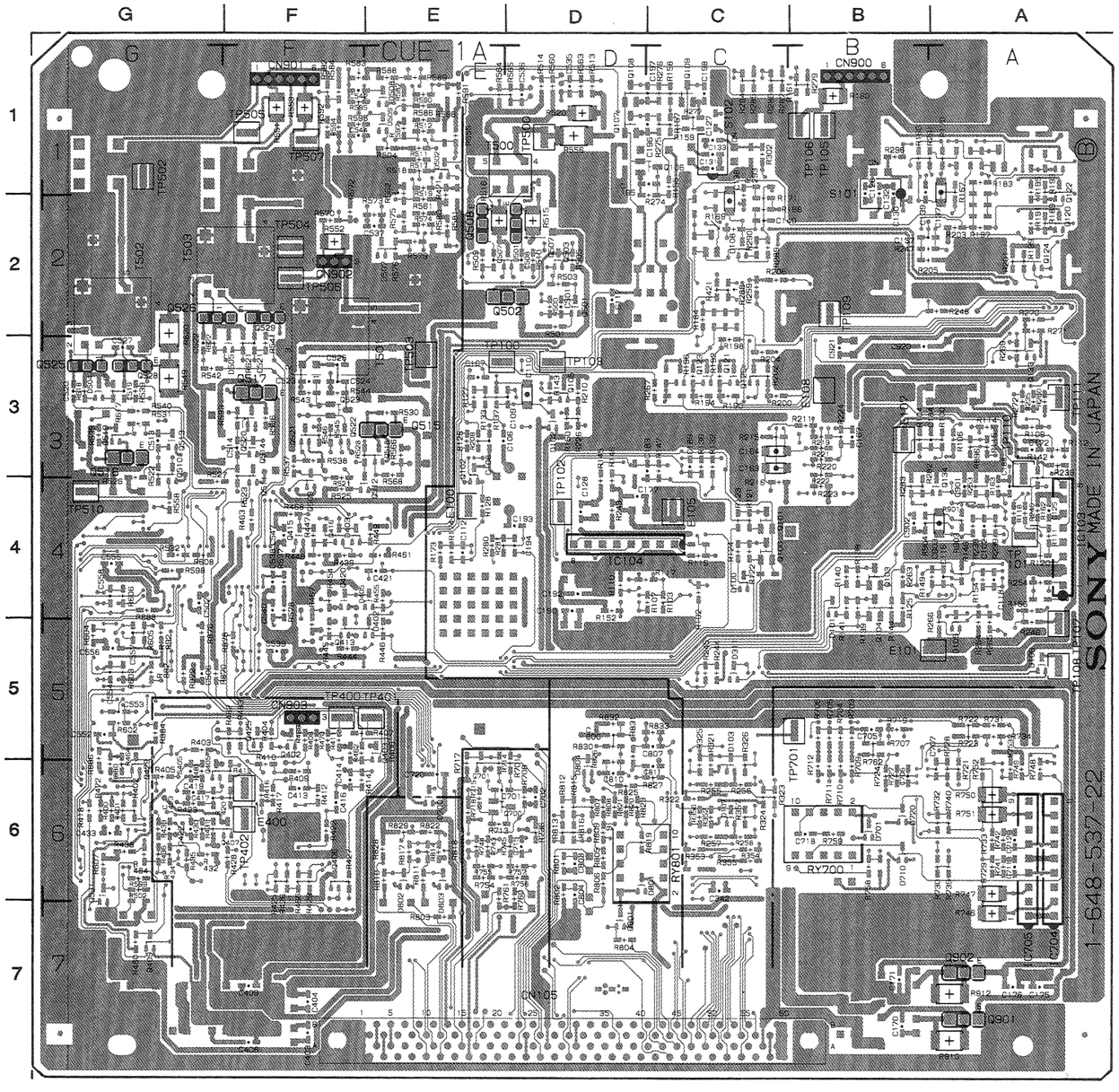


CUE-1A(1-648-537-22)

CN105	D-7	IC407	G-6	Q417	F-4	SL801	D-6
CN900	B-1	IC500	G-6	Q418	F-4	SL802	D-6
CN901	F-1	IC501	G-4	Q419	E-5	SL803	D-6
CN902	F-2	IC502	G-5	✱Q420	F-4		
CN903	F-5	IC503	G-4	Q423	F-5	T500	E-1
		IC504	D-1	Q424	F-4	T501	F-3
✱D100	C-4	IC505	F-4	✱Q425	F-5	T502	G-2
✱D101	B-4	IC506	E-6	✱Q429	G-6	T503	F-2
✱D102	D-3	IC508	F-5	Q500	D-2		
✱D103	C-6	IC509	E-2	✱Q501	D-2	TH100	A-3
✱D105	A-5	IC510	F-4	Q502	D-2	TH101	C-4
✱D106	A-5	IC511	F-2	✱Q503	D-2		
✱D107	C-6	IC512	F-1	Q507	D-2	TP100	E-3
✱D108	C-2	IC513	E-1	Q508	E-2	TP101	A-4
D310	C-5	IC515	G-5	✱Q509	F-4	TP102	D-4
✱D311	C-5	IC516	G-4	✱Q510	G-3	TP103	D-3
D400	F-5	IC517	G-5	✱Q511	F-3	TP105	B-1
D401	E-4	IC700	B-5	✱Q512	F-4	TP106	B-1
✱D402	E-5	IC701	E-6	✱Q513	G-3	TP107	A-4
✱D403	F-4	IC702	B-6	✱Q514	F-3	TP108	A-5
D404	F-4	IC703	E-6	Q515	E-3	TP109	B-2
✱D405	E-4	IC704	A-7	Q516	G-3	TP110	A-3
D407	F-4	IC705	A-7	Q517	F-3	TP111	A-3
✱D501	D-2	IC706	A-6	✱Q518	E-3	TP400	F-5
✱D502	E-1	IC801	E-6	✱Q519	G-3	TP401	E-5
✱D504	G-3	IC802	D-6	✱Q520	F-3	TP402	F-6
✱D505	F-3	IC803	D-5	✱Q521	F-3	TP500	D-1
✱D507	E-2			✱Q522	F-3	TP502	G-2
✱D508	E-1	LV100	D-2	✱Q523	F-3	TP503	E-3
✱D509	E-1	LV101	D-2	Q524	F-3	TP504	F-2
✱D700	E-6	LV102	D-4	Q525	G-2	TP505	F-1
✱D701	B-6	LV500	G-1	Q526	G-2	TP506	F-2
✱D710	B-6	LV501	F-1	Q527	F-3	TP507	F-1
✱D720	B-6			Q528	G-2	TP510	G-4
✱D801	D-6	PS101	B-7	Q529	G-2	TP701	B-5
✱D802	E-6	PS102	B-7	✱Q531	G-6		
✱D803	E-6	PS501	D-2	✱Q700	E-6	X500	G-7
✱D804	D-6	PS502	E-3	✱Q701	E-6		
D805	C-6	PS503	G-3	Q702	B-6		
D806	C-5	PS504	F-3	✱Q801	D-7		
				Q901	A-7		
E100	E-4	✱Q100	C-4	Q902	A-7		
E101	B-5	✱Q101	C-4	Q903	B-3		
E105	C-4	✱Q102	E-3	Q904	B-3		
E107	A-2	✱Q103	B-4				
E108	B-3	✱Q104	B-4	RV100	E-3		
E400	F-6	✱Q105	D-3	RV102	A-4		
		✱Q106	C-1	RV103	E-3		
IC101	A-3	✱Q107	D-1	RV104	D-3		
IC102	C-4	✱Q108	D-1	RV106	B-1		
IC103	A-4	✱Q109	C-1	RV107	C-1		
IC104	C-4	Q110	B-1	RV108	A-1		
IC105	A-4	✱Q120	A-2	RV110	C-2		
IC106	E-4	✱Q121	C-3	RV114	C-2		
IC107	E-3	✱Q122	A-1	RV120	A-3		
IC108	A-4	✱Q123	C-3	RV121	D-4		
IC109	A-4	✱Q124	A-2	RV122	A-4		
IC110	A-2	✱Q125	C-3	RV400	F-6		
IC111	C-2	✱Q133	A-3	RV401	F-6		
IC112	C-3	✱Q134	A-4	RV500	D-2		
IC113	B-3	Q135	C-1	RV502	G-3		
IC116	A-3	Q136	C-1	RV700	B-5		
IC117	A-5	✱Q402	F-5	RV801	D-6		
IC118	D-4	✱Q403	E-5	RV901	A-4		
IC119	D-4	Q404	F-6				
IC320	C-5	✱Q405	F-6	RY700	B-6		
IC321	C-6	✱Q406	F-6	RY801	D-6		
IC322	C-6	✱Q407	F-6				
IC324	C-6	Q408	F-5	S101	B-1		
IC400	G-6	✱Q409	G-7	S102	C-1		
IC401	F-7	Q410	E-4				
IC402	F-7	Q411	F-4	SL1	A-1		
IC403	G-6	Q412	E-5	SL100	A-2		
IC404	F-6	✱Q413	F-5	SL701	B-6		
IC405	F-6	✱Q415	F-4	SL702	B-6		
IC406	G-6	✱Q416	F-4	SL703	B-5		

✱ : B SIDE

LOT NO. E-7

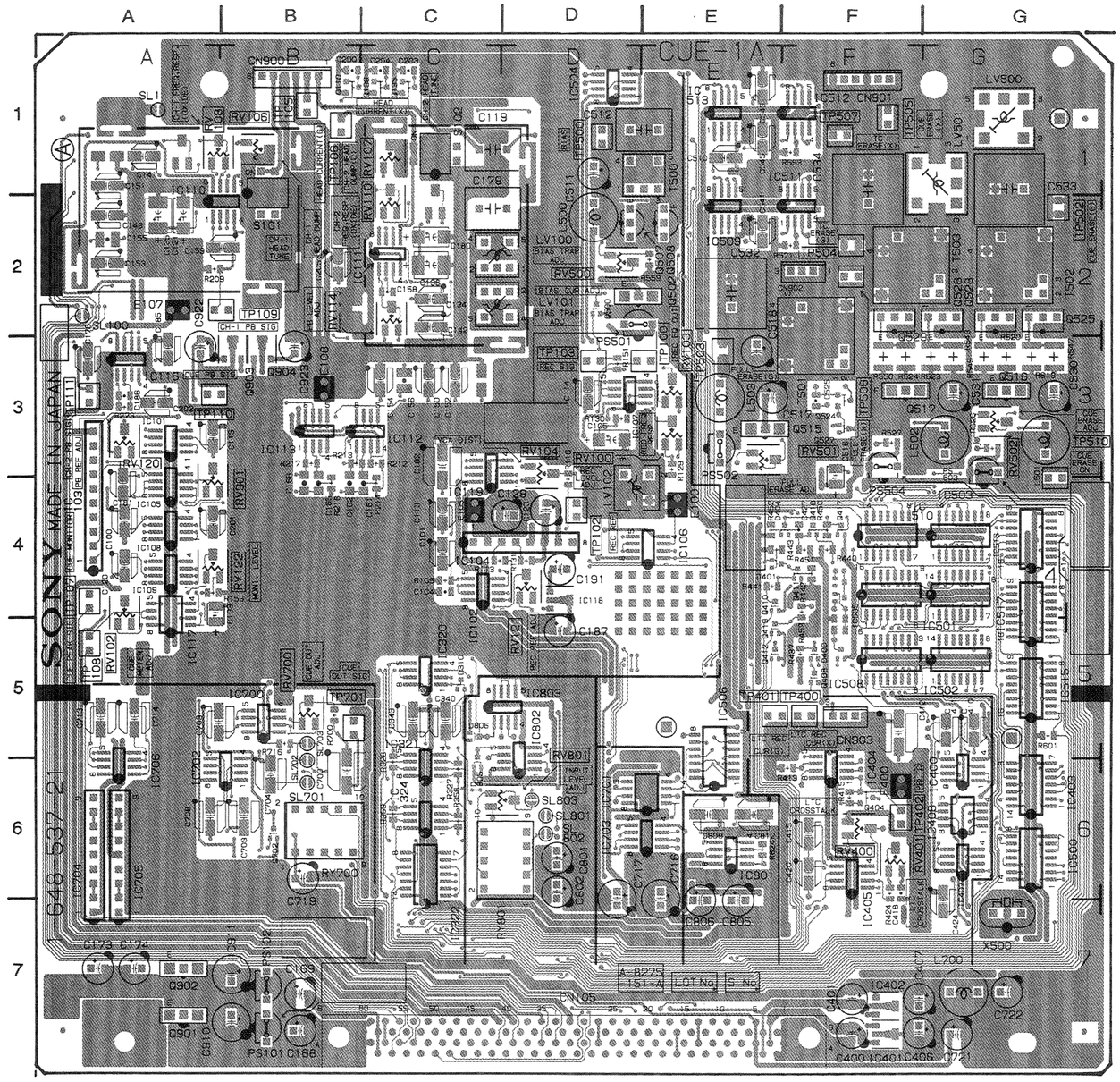


CUE-1A BOARD -B SIDE-

1-648-537-22 (LOT No. 307 - 402)
DVW-A500(J) ; CUE-1A MCB
DVW-A500(UC) ; CUE-1A MCB

CUE-1A ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for NTSC
DUS-723

(Board's Lot No. 303 through 306)
DVW-A500(J)
DVW-A500(UC)

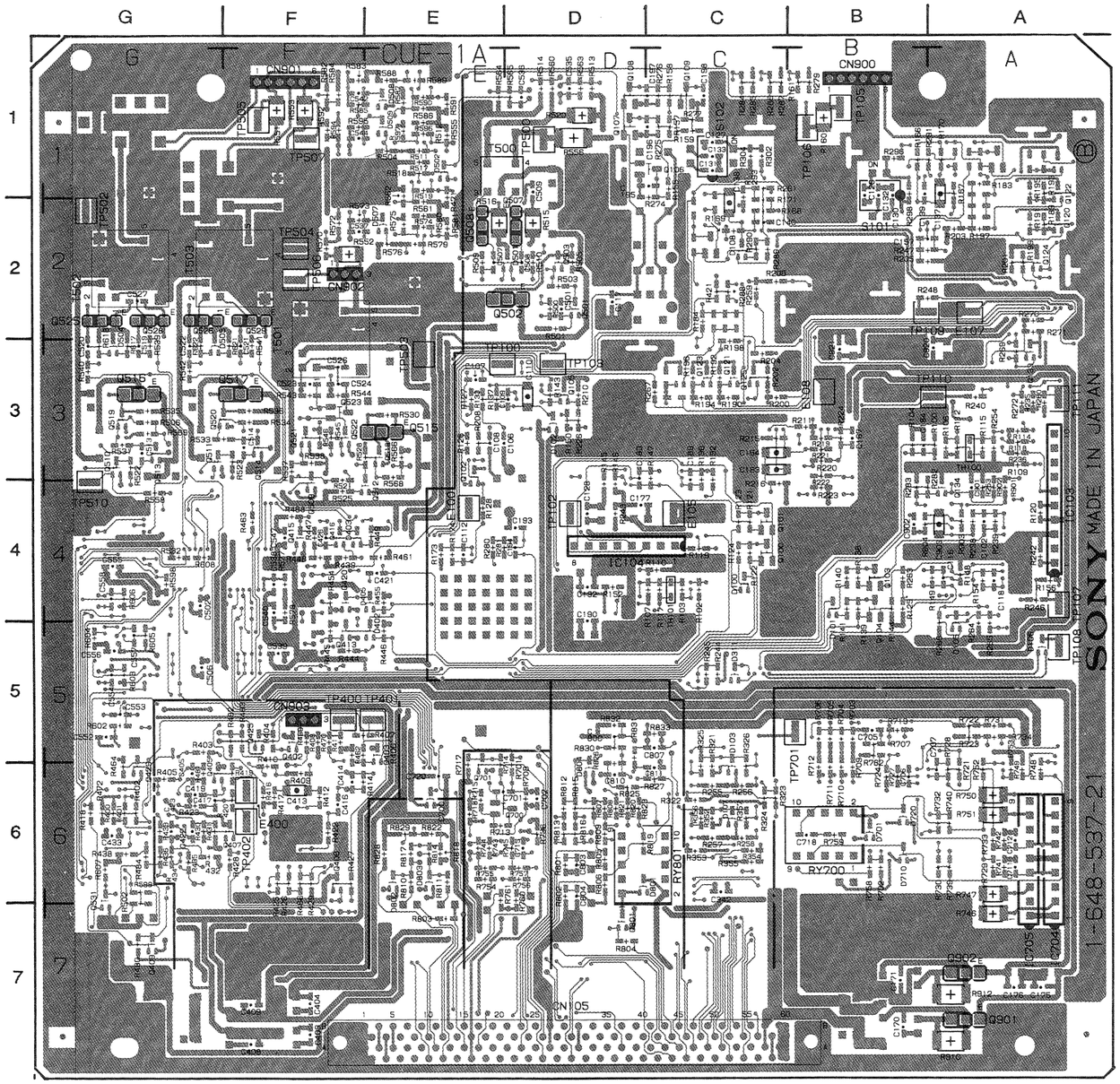


CUE-1A(1-648-537-21)

CN105	D-7	IC501	G-4	Q419	E-5	T500	E-1
CN900	B-1	IC502	G-5	✱Q420	F-4	T501	F-3
CN901	F-1	IC503	G-4	✱Q425	F-5	T502	G-2
CN902	F-2	IC504	D-1	✱Q429	G-6	T503	F-2
CN903	F-5	IC505	F-4	Q500	D-2		
		IC506	E-6	✱Q501	D-2	✱TH100	A-3
✱D100	C-4	IC508	F-5	Q502	D-2	✱TH101	C-4
✱D101	B-4	IC509	E-2	✱Q503	D-2		
✱D102	D-3	IC510	F-4	Q507	D-2	TP100	E-3
✱D103	C-6	IC511	F-2	Q508	E-2	TP102	D-4
✱D105	A-5	IC512	F-1	✱Q509	F-4	TP103	D-3
✱D106	A-5	IC513	E-1	✱Q510	G-3	TP105	B-1
✱D107	C-6	IC515	G-5	✱Q511	F-3	TP106	B-1
✱D108	C-2	IC516	G-4	✱Q512	F-4	TP107	A-4
D310	C-5	IC517	G-5	✱Q513	G-3	TP108	A-5
✱D311	C-5	IC700	B-5	✱Q514	F-3	TP109	B-2
D400	F-5	IC701	E-6	Q515	E-3	TP110	A-3
D401	E-4	IC702	B-6	Q516	G-3	TP111	A-3
✱D402	E-5	IC703	E-6	Q517	F-3	TP400	F-5
✱D403	F-4	IC704	A-7	✱Q518	E-3	TP401	E-5
D404	F-4	IC705	A-7	✱Q519	G-3	TP402	F-6
✱D405	E-4	IC706	A-6	✱Q520	F-3	TP500	D-1
✱D501	D-2	IC801	E-6	✱Q521	F-3	TP502	G-2
✱D502	E-1	IC802	D-6	✱Q522	F-3	TP503	E-3
✱D504	G-3	IC803	D-5	✱Q523	F-3	TP504	F-2
✱D505	F-3			Q524	F-3	TP505	F-1
✱D507	E-2	LV100	D-2	Q525	G-2	TP506	F-2
✱D508	E-1	LV101	D-2	Q526	G-2	TP507	F-1
✱D509	E-1	LV102	D-4	Q527	F-3	TP510	G-4
✱D700	E-6	LV500	G-1	Q528	G-2	TP701	B-5
✱D701	B-6	LV501	F-1	Q529	F-2		
✱D710	B-6			✱Q531	G-6	X500	G-7
✱D720	B-6	PS101	B-7	✱Q700	E-6		
✱D801	D-6	PS102	B-7	✱Q701	E-6		
✱D802	E-6	PS501	D-2	Q702	B-6		
✱D803	E-6	PS502	E-3	✱Q801	D-7		
✱D804	D-6	PS503	G-3	Q901	A-7		
D805	C-6	PS504	F-3	Q902	A-7		
D806	C-5			Q903	B-3		
		✱Q100	C-4	Q904	B-3		
E100	E-4	✱Q101	C-4				
E105	C-4	✱Q102	E-3	RV100	E-3		
E107	A-2	✱Q103	B-4	RV102	A-5		
E108	B-3	✱Q104	B-4	RV103	E-3		
E400	F-6	✱Q105	D-3	RV104	D-3		
		✱Q106	C-1	RV106	B-1		
IC101	A-3	✱Q107	D-1	RV107	C-1		
IC102	C-4	✱Q108	D-1	RV108	A-1		
IC103	A-4	✱Q109	C-1	RV110	C-2		
IC104	C-4	Q110	B-1	RV114	C-2		
IC105	A-4	✱Q120	A-2	RV120	A-3		
IC106	E-4	✱Q121	C-3	RV121	D-4		
IC107	E-3	✱Q122	A-1	RV122	A-4		
IC108	A-4	✱Q123	C-3	RV400	F-6		
IC109	A-4	✱Q124	A-2	RV401	F-6		
IC110	A-2	✱Q125	C-3	RV500	D-2		
IC111	C-2	✱Q133	A-3	RV501	E-3		
IC112	C-3	✱Q134	A-4	RV502	G-3		
IC113	B-3	Q135	C-1	RV700	B-5		
IC116	A-3	Q136	C-1	RV801	D-6		
IC117	A-5	✱Q402	F-5	RV901	A-4		
IC118	D-4	✱Q403	E-5				
IC119	D-4	Q404	F-6	RY700	B-6		
IC320	C-5	✱Q405	F-6	RY801	D-6		
IC321	C-6	✱Q406	F-6				
IC322	C-6	✱Q407	F-6	S101	B-1		
IC324	C-6	Q408	F-5	S102	C-1		
IC400	G-6	✱Q409	G-7				
IC401	F-7	Q410	E-4	SL1	A-1		
IC402	F-7	Q411	F-4	SL100	A-2		
IC403	G-6	Q412	E-5	SL701	B-6		
IC404	F-6	✱Q413	F-5	SL702	B-6		
IC405	F-6	✱Q415	F-4	SL703	B-5		
IC406	G-6	✱Q416	F-4	SL801	D-6		
IC407	G-6	Q417	F-4	SL802	D-6		
IC500	G-6	Q418	F-4	SL803	D-6		

✱: B SIDE

LOT NO. E-7

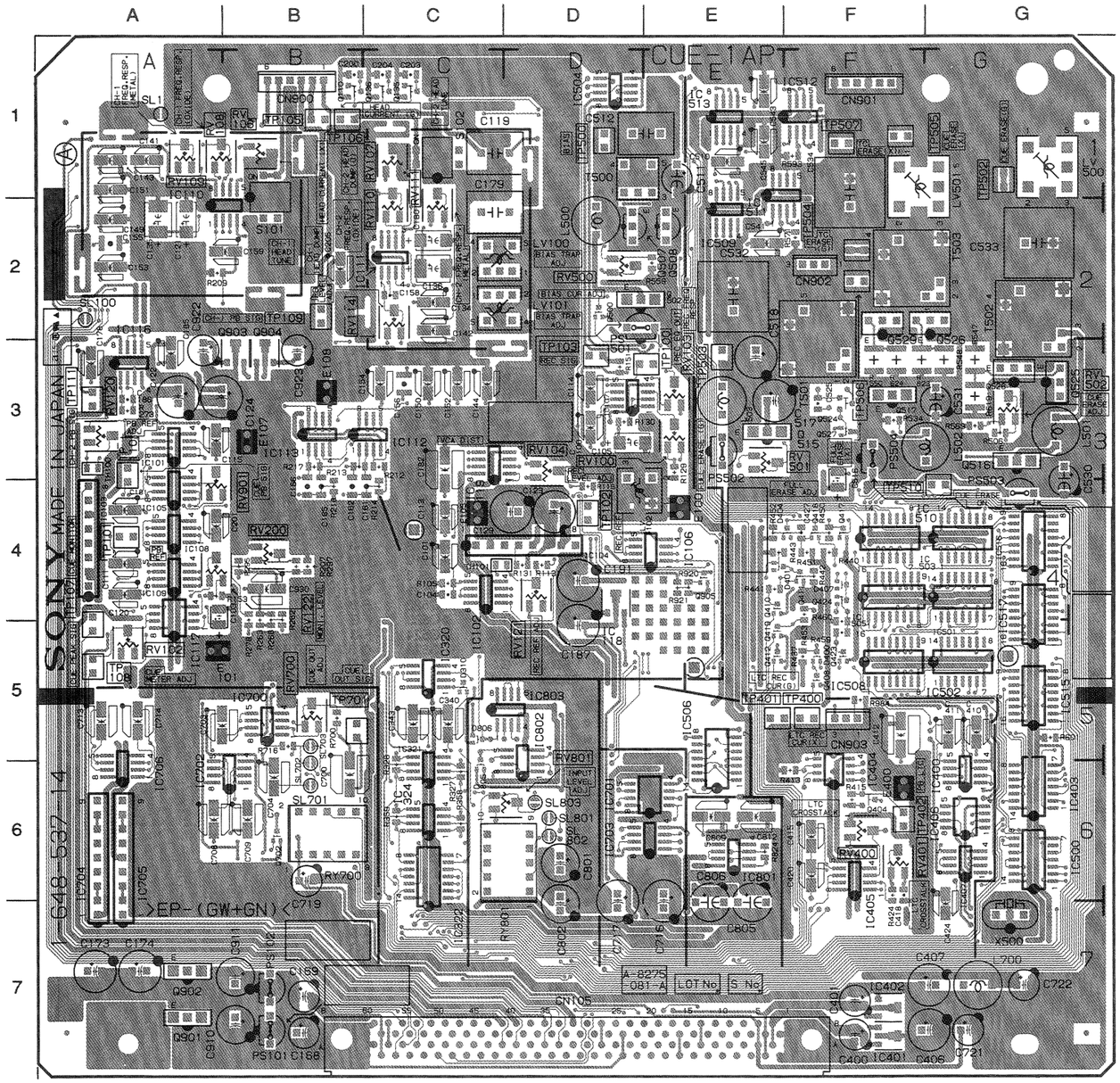


CUE-1A BOARD -B SIDE-

1-648-537-21 (LOT No. 303 - 306)
DVW-A500(J) ; CUE-1A MCB
DVW-A500(UC) ; CUE-1A MCB

CUE-1AP ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for PAL

(Board's Lot No. 509 and higher)
DVW-A500P(EK)
DVW-A500P(UC)



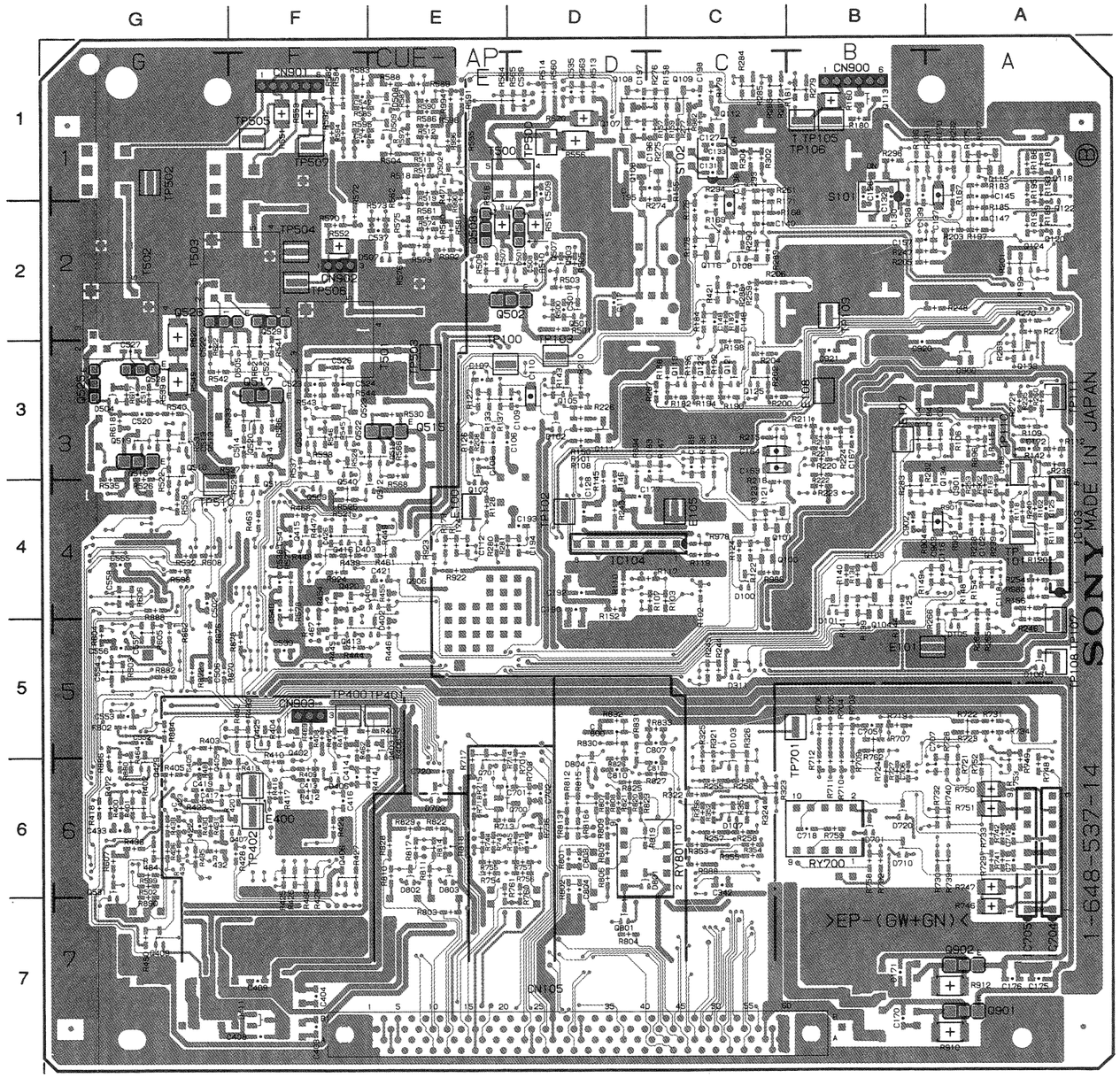
CUE-1AP BOARD -A SIDE-
1-648-537-14 (LOT No. 509 -)
DVW-A500P(EK) ; CUE-1AP MCB
DVW-A500P(UC) ; CUE-1APG MCB

CUE-1AP(1-648-537-14)

CN105	D-7	IC404	F-6	✱Q406	F-6	RV501	E-3
CN900	B-1	IC405	F-6	✱Q407	F-6	RV502	G-3
CN901	F-1	IC406	G-6	Q408	F-5	RV700	B-5
CN902	F-2	IC407	G-6	✱Q409	G-7	RV801	D-6
CN903	F-5	IC500	G-6	Q410	E-4	RV901	A-4
		IC501	G-4	Q411	F-4		
✱D100	C-4	IC502	G-5	Q412	E-5	RY700	B-6
✱D101	B-4	IC503	G-4	✱Q413	F-5	RY801	D-6
✱D102	D-3	IC504	D-1	✱Q415	F-4		
✱D103	C-6	IC505	F-4	✱Q416	F-4	S101	B-1
✱D105	A-5	IC506	E-6	Q417	F-4	S102	C-1
✱D106	A-5	IC508	F-5	Q418	F-4		
✱D107	C-6	IC509	E-2	Q419	E-5	SL1	A-1
✱D108	C-2	IC510	F-4	✱Q420	F-4	SL100	A-2
D310	C-5	IC511	F-2	Q423	F-5	SL701	B-6
✱D311	C-5	IC512	F-1	Q424	F-4	SL702	B-6
D400	F-5	IC513	E-1	✱Q425	F-5	SL703	B-5
D401	E-4	IC515	G-5	✱Q429	G-6	SL801	D-6
✱D402	E-5	IC516	G-4	Q500	D-2	SL802	D-6
✱D403	F-4	IC517	G-5	✱Q501	D-2	SL803	D-6
D404	F-4	IC700	B-5	Q502	D-2		
✱D405	E-4	IC701	E-6	✱Q503	D-2	T500	D-1
✱D406	F-6	IC702	B-6	Q507	D-2	T501	F-3
D407	F-4	IC703	E-6	Q508	E-2	T502	G-2
✱D411	F-7	IC704	A-7	✱Q509	F-4	T503	F-2
✱D501	D-2	IC705	A-7	✱Q510	G-3		
✱D502	E-1	IC706	A-6	✱Q511	F-3	TH100	A-3
✱D504	G-3	IC801	E-6	✱Q512	F-4	TH101	C-4
✱D505	F-3	IC802	D-6	✱Q513	G-3		
✱D507	E-2	IC803	D-5	✱Q514	F-3	TP100	E-3
✱D508	E-1			Q515	E-3	TP101	A-3
✱D509	E-1	LV100	D-2	Q516	G-3	TP102	D-4
✱D700	E-6	LV101	D-2	Q517	F-3	TP103	D-3
✱D701	B-6	LV102	D-4	✱Q518	E-3	TP105	B-1
✱D710	B-6	LV500	G-1	✱Q519	G-3	TP106	B-1
✱D720	B-6	LV501	F-1	✱Q520	F-3	TP107	A-4
✱D801	D-6			✱Q521	F-3	TP108	A-5
✱D802	E-6	PS101	B-7	✱Q522	F-3	TP109	B-2
✱D803	E-6	PS102	B-7	✱Q523	F-3	TP110	A-3
✱D804	D-6	PS501	D-2	Q524	F-3	TP111	A-3
D805	C-6	PS502	E-3	Q525	G-3	TP400	F-5
D806	C-5	PS503	G-3	Q526	G-2	TP401	E-5
✱D900	A-3	PS504	F-3	Q527	F-3	TP402	F-6
				Q528	G-3	TP500	D-1
E100	E-4	✱Q100	C-4	Q529	F-2	TP502	G-1
E101	B-5	✱Q101	C-4	✱Q531	G-6	TP503	E-3
E105	C-4	✱Q102	E-3	✱Q540	F-3	TP504	F-2
E107	B-3	✱Q103	B-4	✱Q700	E-6	TP505	F-1
E108	B-3	✱Q104	B-4	✱Q701	E-6	TP506	F-2
E400	F-6	✱Q105	D-3	Q702	B-6	TP507	F-1
		✱Q106	C-1	✱Q801	D-7	TP510	G-4
IC101	A-3	✱Q107	D-1	Q901	A-7	TP701	B-5
IC102	C-4	✱Q108	D-1	Q902	A-7		
IC103	A-4	✱Q109	C-1	Q903	B-3	X500	G-7
IC104	C-4	Q110	B-1	Q904	B-3		
IC105	A-4	✱Q111	D-3	Q905	E-4		
IC106	E-4	✱Q112	C-1	✱Q906	E-4		
IC107	E-3	✱Q113	B-1				
IC108	A-4	✱Q115	A-1	RV100	E-3		
IC109	A-4	✱Q116	C-2	RV102	A-5		
IC110	A-2	✱Q118	A-1	RV103	E-3		
IC111	C-2	✱Q119	C-3	RV104	D-3		
IC112	C-3	✱Q120	A-2	RV106	B-1		
IC113	B-3	✱Q121	C-3	RV107	C-1		
IC116	A-3	✱Q122	A-1	RV108	A-1		
IC117	A-5	✱Q123	C-3	RV109	A-1		
IC118	D-4	✱Q124	A-2	RV110	C-2		
IC119	C-4	✱Q125	C-3	RV111	C-2		
IC320	C-5	✱Q133	A-3	RV114	C-2		
IC321	C-6	✱Q134	A-4	RV120	A-3		
IC322	C-6	Q135	C-1	RV121	D-4		
IC324	C-6	Q136	C-1	RV122	A-4		
IC400	G-6	✱Q402	F-5	RV200	B-4		
IC401	F-7	✱Q403	E-5	RV400	F-6		
IC402	F-7	Q404	F-6	RV401	F-6		
IC403	G-6	✱Q405	F-6	RV500	D-2		

✱ : B SIDE

LOT NO. E-7



CUE-1AP BOARD -B SIDE-

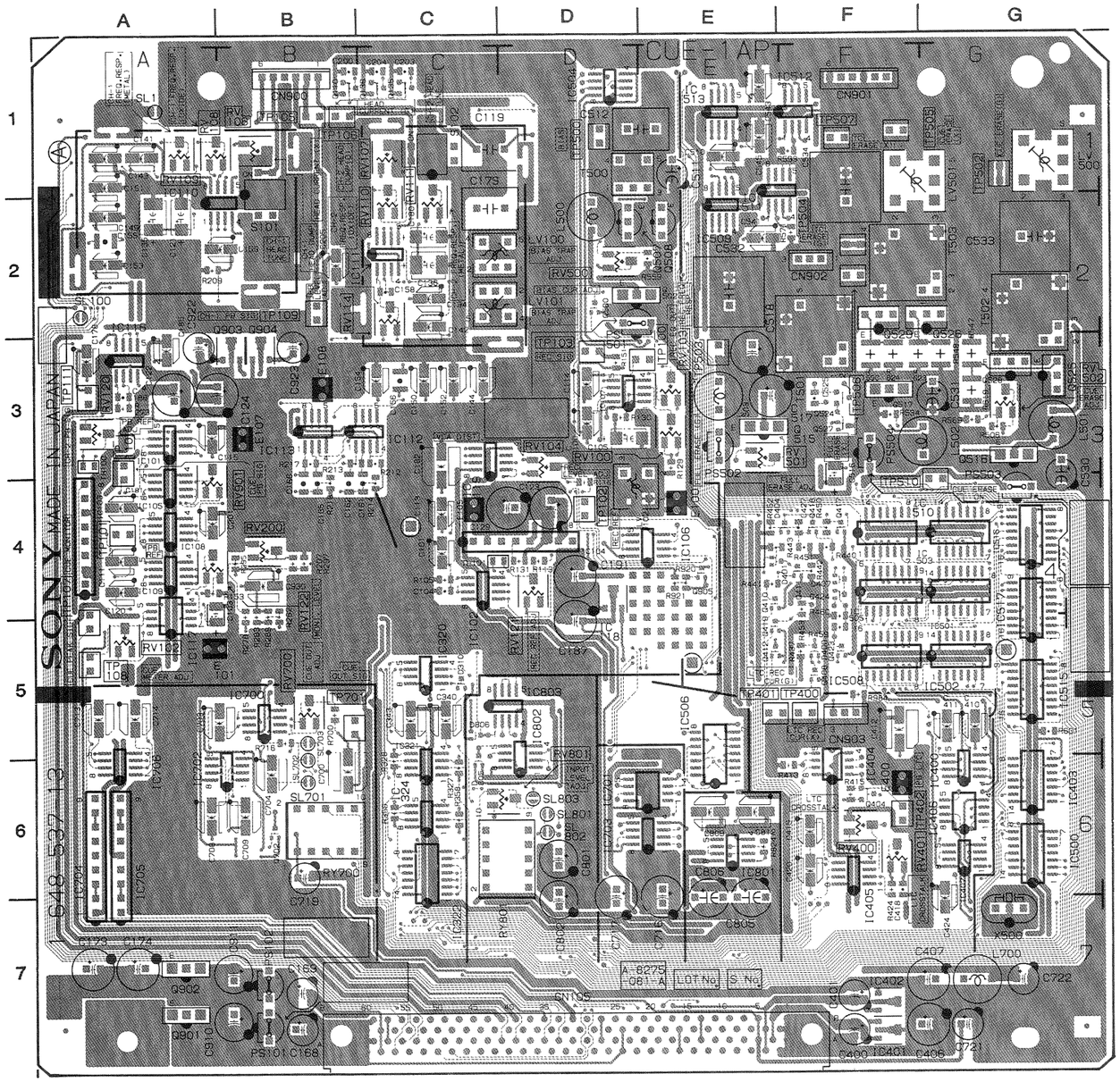
1-648-537-14 (LOT No. 509 -)

DVW-A500P(EK) ; CUE-1AP MCB

DVW-A500P(UC) ; CUE-1APG MCB

CUE-1AP ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for PAL

(Board's Lot No. 403 through 508)
DVW-A500P(EK)
DVW-A500P(UC)



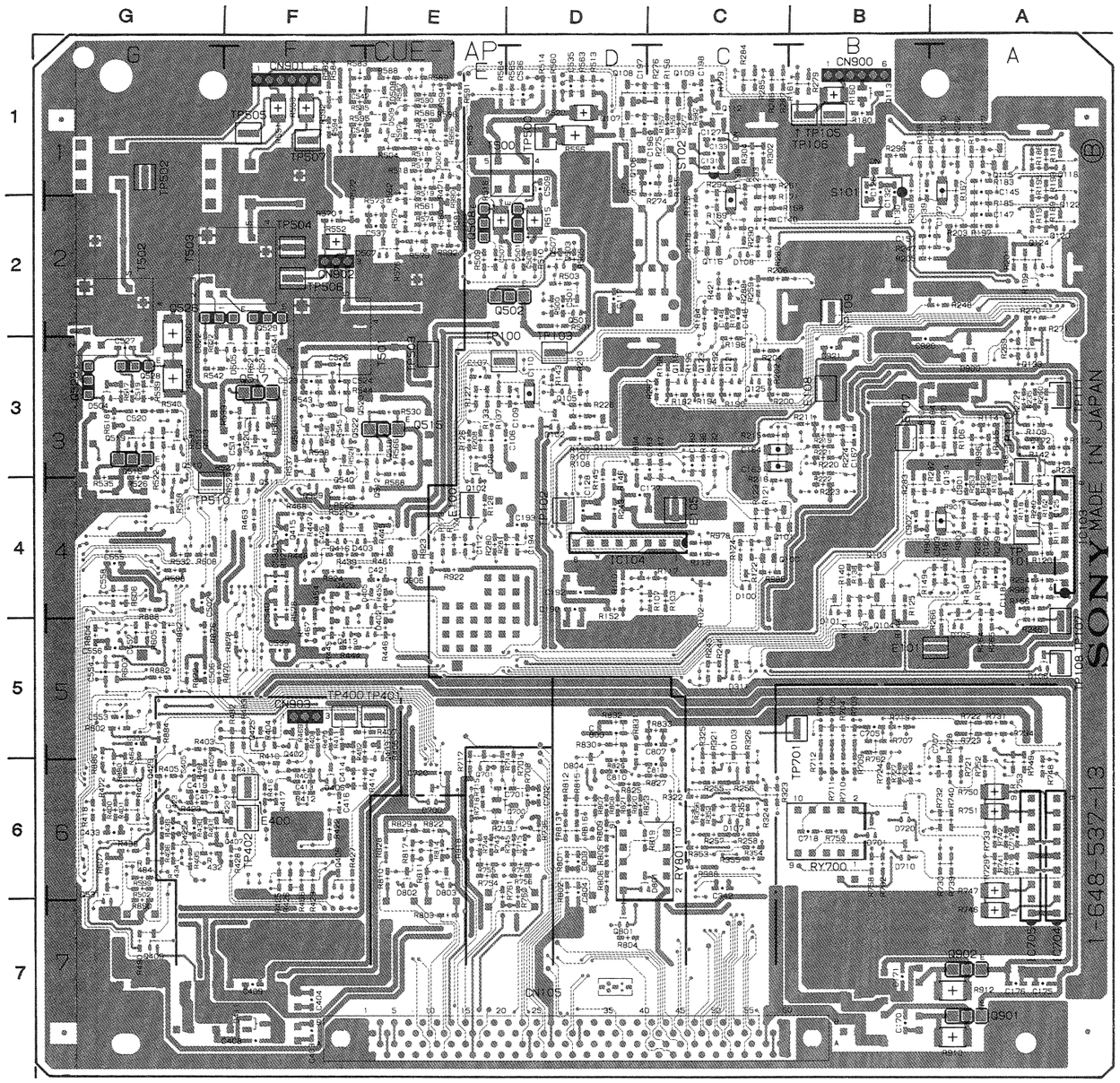
CUE-1AP BOARD -A SIDE-
1-648-537-13 (LOT No. 403 - 508)
DVW-A500P(EK) ; CUE-1AP MCB
DVW-A500P(UC) ; CUE-1APG MCB

CUE-1AP(1-648-537-13)

CN105	D-7	IC404	F-6	✱Q406	F-6	RV501	E-3
CN900	B-1	IC405	F-6	✱Q407	F-6	RV502	G-3
CN901	F-1	IC406	G-6	Q408	F-5	RV700	B-5
CN902	F-2	IC407	G-6	✱Q409	G-7	RV801	D-6
CN903	F-5	IC500	G-6	Q410	E-4	RV901	A-4
		IC501	G-4	Q411	F-4		
✱D100	C-4	IC502	G-5	Q412	E-5	RY700	B-6
✱D101	B-4	IC503	G-4	✱Q413	F-5	RY801	D-6
✱D102	D-3	IC504	D-1	✱Q415	F-4		
✱D103	C-6	IC505	F-4	✱Q416	F-4	S101	B-1
✱D105	A-5	IC506	E-6	Q417	F-4	S102	C-1
✱D106	A-5	IC508	F-5	Q418	F-4		
✱D107	C-6	IC509	E-2	Q419	E-5	SL1	A-1
✱D108	C-2	IC510	F-4	✱Q420	F-4	SL100	A-2
D310	C-5	IC511	F-2	Q423	F-5	SL701	B-6
✱D311	C-5	IC512	F-1	Q424	F-4	SL702	B-6
D400	F-5	IC513	E-1	✱Q425	F-5	SL703	B-5
D401	E-4	IC515	G-5	✱Q429	G-6	SL801	D-6
✱D402	E-5	IC516	G-4	Q500	D-2	SL802	D-6
✱D403	F-4	IC517	G-5	✱Q501	D-2	SL803	D-6
D404	F-4	IC700	B-5	Q502	D-2		
✱D405	E-4	IC701	E-6	✱Q503	D-2	T500	D-1
✱D406	F-6	IC702	B-6	Q507	D-2	T501	F-3
D407	F-4	IC703	E-6	Q508	E-2	T502	G-2
✱D411	F-7	IC704	A-7	✱Q509	F-4	T503	F-2
✱D501	D-2	IC705	A-7	✱Q510	G-3		
✱D502	E-1	IC706	A-6	✱Q511	F-3	TH100	A-3
✱D504	G-3	IC801	E-6	✱Q512	F-4	TH101	C-4
✱D505	F-3	IC802	D-6	✱Q513	G-3		
✱D507	E-2	IC803	D-5	✱Q514	F-3	TP100	E-3
✱D508	E-1			Q515	E-3	TP101	A-3
✱D509	E-1	LV100	D-2	Q516	G-3	TP102	D-4
✱D700	E-6	LV101	D-2	Q517	F-3	TP103	D-3
✱D701	B-6	LV102	D-4	✱Q518	E-3	TP105	B-1
✱D710	B-6	LV500	G-1	✱Q519	G-3	TP106	B-1
✱D720	B-6	LV501	F-1	✱Q520	F-3	TP107	A-4
✱D801	D-6			✱Q521	F-3	TP108	A-5
✱D802	E-6	PS101	B-7	✱Q522	F-3	TP109	B-2
✱D803	E-6	PS102	B-7	✱Q523	F-3	TP110	A-3
✱D804	D-6	PS501	D-2	Q524	F-3	TP111	A-3
D805	C-6	PS502	E-3	Q525	G-3	TP400	F-5
D806	C-5	PS503	G-3	Q526	G-2	TP401	E-5
✱D900	A-3	PS504	F-3	Q527	F-3	TP402	F-6
				Q528	G-3	TP500	D-1
E100	E-4	✱Q100	C-4	Q529	F-2	TP502	G-1
E101	B-5	✱Q101	C-4	✱Q531	G-6	TP503	E-3
E105	C-4	✱Q102	E-3	✱Q540	F-3	TP504	F-2
E107	B-3	✱Q103	B-4	✱Q700	E-6	TP505	F-1
E108	B-3	✱Q104	B-4	✱Q701	E-6	TP506	F-2
E400	F-6	✱Q105	D-3	Q702	B-6	TP507	F-1
		✱Q106	C-1	✱Q801	D-7	TP510	G-4
IC101	A-3	✱Q107	D-1	Q901	A-7	TP701	B-5
IC102	C-4	✱Q108	D-1	Q902	A-7		
IC103	A-4	✱Q109	C-1	Q903	B-3	X500	G-7
IC104	C-4	Q110	B-1	Q904	B-3		
IC105	A-4	✱Q111	D-3	Q905	E-4		
IC106	E-4	✱Q112	C-1	✱Q906	E-4		
IC107	E-3	✱Q113	B-1				
IC108	A-4	✱Q115	A-1	RV100	E-3		
IC109	A-4	✱Q116	C-2	RV102	A-5		
IC110	A-2	✱Q118	A-1	RV103	E-3		
IC111	C-2	✱Q119	C-3	RV104	D-3		
IC112	C-3	✱Q120	A-2	RV106	B-1		
IC113	B-3	✱Q121	C-3	RV107	C-1		
IC116	A-3	✱Q122	A-1	RV108	A-1		
IC117	A-5	✱Q123	C-3	RV109	A-1		
IC118	D-4	✱Q124	A-2	RV110	C-2		
IC119	C-4	✱Q125	C-3	RV111	C-2		
IC320	C-5	✱Q133	A-3	RV114	C-2		
IC321	C-6	✱Q134	A-4	RV120	A-3		
IC322	C-6	Q135	C-1	RV121	D-4		
IC324	C-6	Q136	C-1	RV122	A-4		
IC400	G-6	✱Q402	F-5	RV200	B-4		
IC401	F-7	✱Q403	E-5	RV400	F-6		
IC402	F-7	Q404	F-6	RV401	F-6		
IC403	G-6	✱Q405	F-6	RV500	D-2		

✱ : B SIDE

LOT NO. E-7

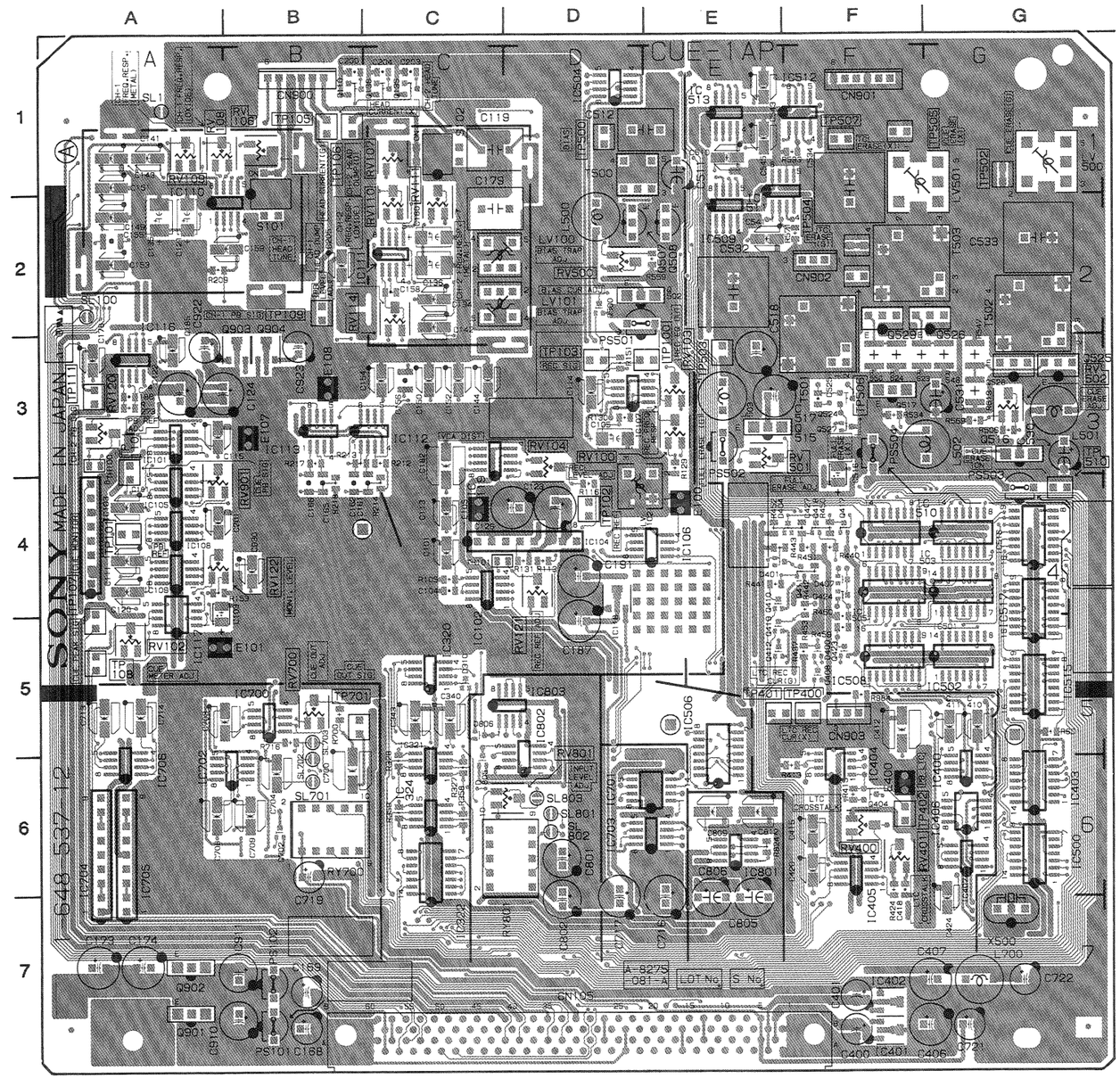


CUE-1AP BOARD -B SIDE-

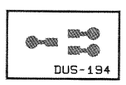
1-648-537-13 (LOT No. 403 - 508)
DVW-A500P(EK) ; CUE-1AP MCB
DVW-A500P(UC) ; CUE-1APG MCB

CUE-1AP ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for PAL
DUS-194

(Board's Lot No. 307 through 402)
DVW-A500P(EK)



CUE-1AP BOARD -A SIDE-
1-648-537-12 (LOT No. 307 - 402)
DVW-A500P(EK) ; CUE-1AP MCB



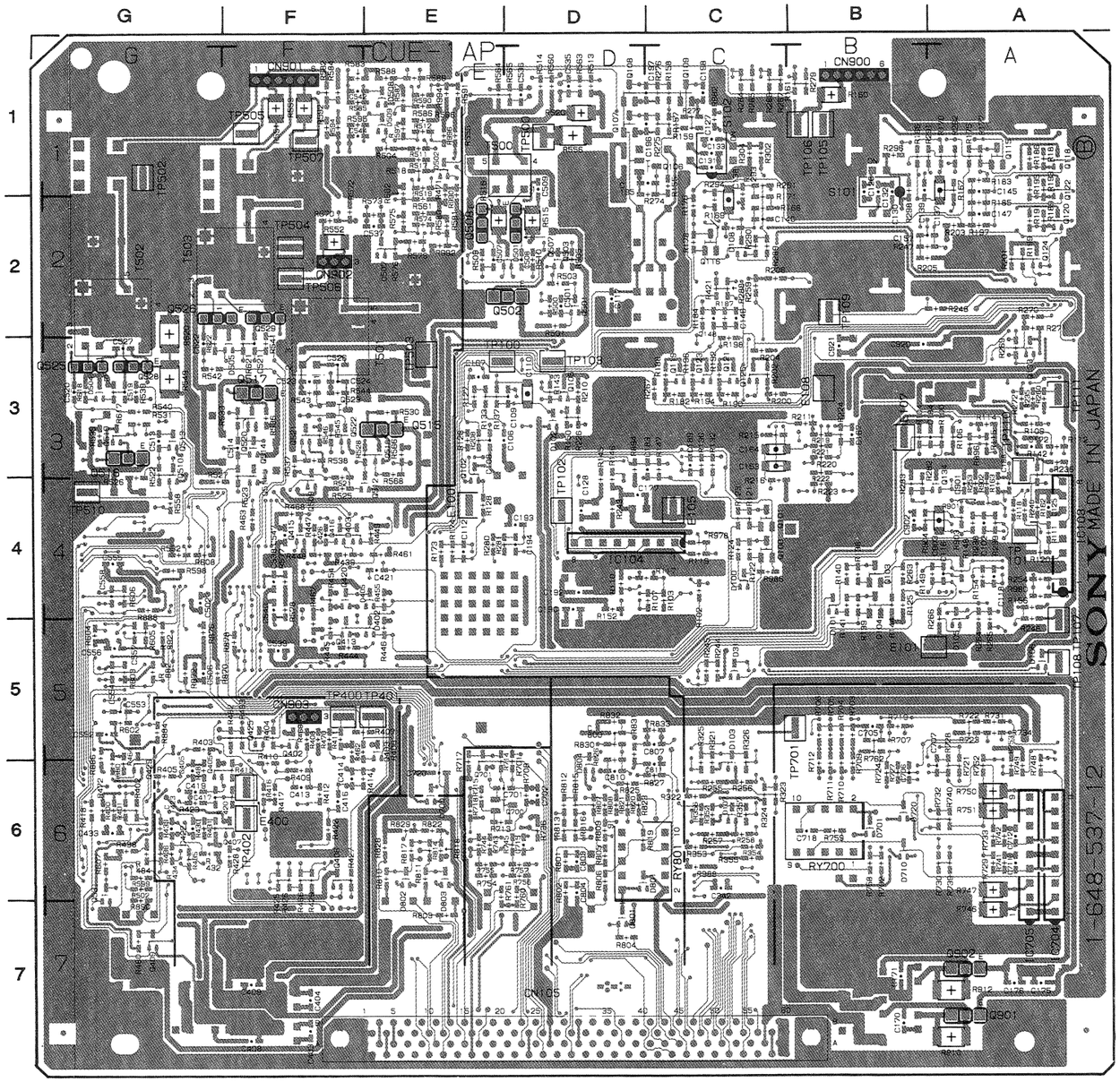
DUS-194 BOARD -SOLDERING SIDE-
1-623-599-12

CUE-1AP(1-648-537-12)

CN105	D-7	IC407	G-6	Q412	E-5	S102	C-1
CN900	B-1	IC500	G-6	✱Q413	F-5		
CN901	F-1	IC501	G-4	✱Q415	F-4	SL1	A-1
CN902	F-2	IC502	G-5	✱Q416	F-4	SL100	A-2
CN903	F-5	IC503	G-4	Q417	F-4	SL701	B-6
		IC504	D-1	Q418	F-4	SL702	B-6
✱D100	C-4	IC505	F-4	Q419	E-5	SL703	B-5
✱D101	B-4	IC506	E-6	✱Q420	F-4	SL801	D-6
✱D102	D-3	IC508	F-5	Q423	F-5	SL802	D-6
✱D103	C-6	IC509	E-2	Q424	F-4	SL803	D-6
✱D105	A-5	IC510	F-4	✱Q425	F-5		
✱D106	A-5	IC511	F-2	✱Q429	G-6	T500	D-1
✱D107	C-6	IC512	F-1	Q500	D-2	T501	F-3
✱D108	C-2	IC513	E-1	✱Q501	D-2	T502	G-2
D310	C-5	IC515	G-5	Q502	D-2	T503	F-2
✱D311	C-5	IC516	G-4	✱Q503	D-2		
D400	F-5	IC517	G-5	Q507	D-2	TH100	A-3
D401	E-4	IC700	B-5	Q508	E-2	TH101	C-4
✱D402	E-5	IC701	E-6	✱Q509	F-4		
✱D403	F-4	IC702	B-6	✱Q510	G-3	TP100	E-3
D404	F-4	IC703	E-6	✱Q511	F-3	TP101	A-3
✱D405	E-4	IC704	A-7	✱Q512	F-4	TP102	D-4
D407	F-4	IC705	A-7	✱Q513	G-3	TP103	D-3
✱D501	D-2	IC706	A-6	✱Q514	F-3	TP105	B-1
✱D502	E-1	IC801	E-6	Q515	E-3	TP106	B-1
✱D504	G-3	IC802	D-6	Q516	G-3	TP107	A-4
✱D505	F-3	IC803	D-5	Q517	F-3	TP108	A-5
✱D507	E-2			✱Q518	E-3	TP109	B-2
✱D508	E-1	LV100	D-2	✱Q519	G-3	TP110	A-3
✱D509	E-1	LV101	D-2	✱Q520	F-3	TP111	A-3
✱D700	E-6	LV102	D-4	✱Q521	F-3	TP400	F-5
✱D701	B-6	LV500	G-1	✱Q522	F-3	TP401	E-5
✱D710	B-6	LV501	F-1	✱Q523	F-3	TP402	F-6
✱D720	B-6			Q524	F-3	TP500	D-1
✱D801	D-6	PS101	B-7	Q525	G-3	TP502	G-1
✱D802	E-6	PS102	B-7	Q526	G-2	TP503	E-3
✱D803	E-6	PS501	D-2	Q527	F-3	TP504	F-2
✱D804	D-6	PS502	E-3	Q528	G-3	TP505	F-1
D805	C-6	PS503	G-3	Q529	F-2	TP506	F-2
D806	C-5	PS504	F-3	✱Q531	G-6	TP507	F-1
				✱Q700	E-6	TP510	G-4
E100	E-4	✱Q100	C-4	✱Q701	E-6	TP701	B-5
E101	B-5	✱Q101	C-4	Q702	B-6		
E105	C-4	✱Q102	E-3	✱Q801	D-7	X500	G-7
E107	B-3	✱Q103	B-4	Q901	A-7		
E108	B-3	✱Q104	B-4	Q902	A-7		
E400	F-6	✱Q105	D-3	Q903	B-3		
		✱Q106	C-1	Q904	B-3		
IC101	A-3	✱Q107	D-1				
IC102	C-4	✱Q108	D-1	RV100	E-3		
IC103	A-4	✱Q109	C-1	RV102	A-5		
IC104	C-4	Q110	B-1	RV103	E-3		
IC105	A-4	✱Q115	A-1	RV104	D-3		
IC106	E-4	✱Q116	C-2	RV106	B-1		
IC107	E-3	✱Q118	A-1	RV107	C-1		
IC108	A-4	✱Q119	C-3	RV108	A-1		
IC109	A-4	✱Q120	A-2	RV109	A-1		
IC110	A-2	✱Q121	C-3	RV110	C-2		
IC111	C-2	✱Q122	A-1	RV111	C-2		
IC112	C-3	✱Q123	C-3	RV114	C-2		
IC113	B-3	✱Q124	A-2	RV120	A-3		
IC116	A-3	✱Q125	C-3	RV121	D-4		
IC117	A-5	✱Q133	A-3	RV122	A-4		
IC118	D-4	✱Q134	A-4	RV400	F-6		
IC119	C-4	Q135	C-1	RV401	F-6		
IC320	C-5	Q136	C-1	RV500	D-2		
IC321	C-6	✱Q402	F-5	RV501	E-3		
IC322	C-6	✱Q403	E-5	RV502	G-3		
IC324	C-6	Q404	F-6	RV700	B-5		
IC400	G-6	✱Q405	F-6	RV801	D-6		
IC401	F-7	✱Q406	F-6	RV901	A-4		
IC402	F-7	✱Q407	F-6				
IC403	G-6	Q408	F-5	RY700	B-6		
IC404	F-6	✱Q409	G-7	RY801	D-6		
IC405	F-6	Q410	E-4				
IC406	G-6	Q411	F-4	S101	B-1		

✱ : B SIDE

LOT NO. E-7



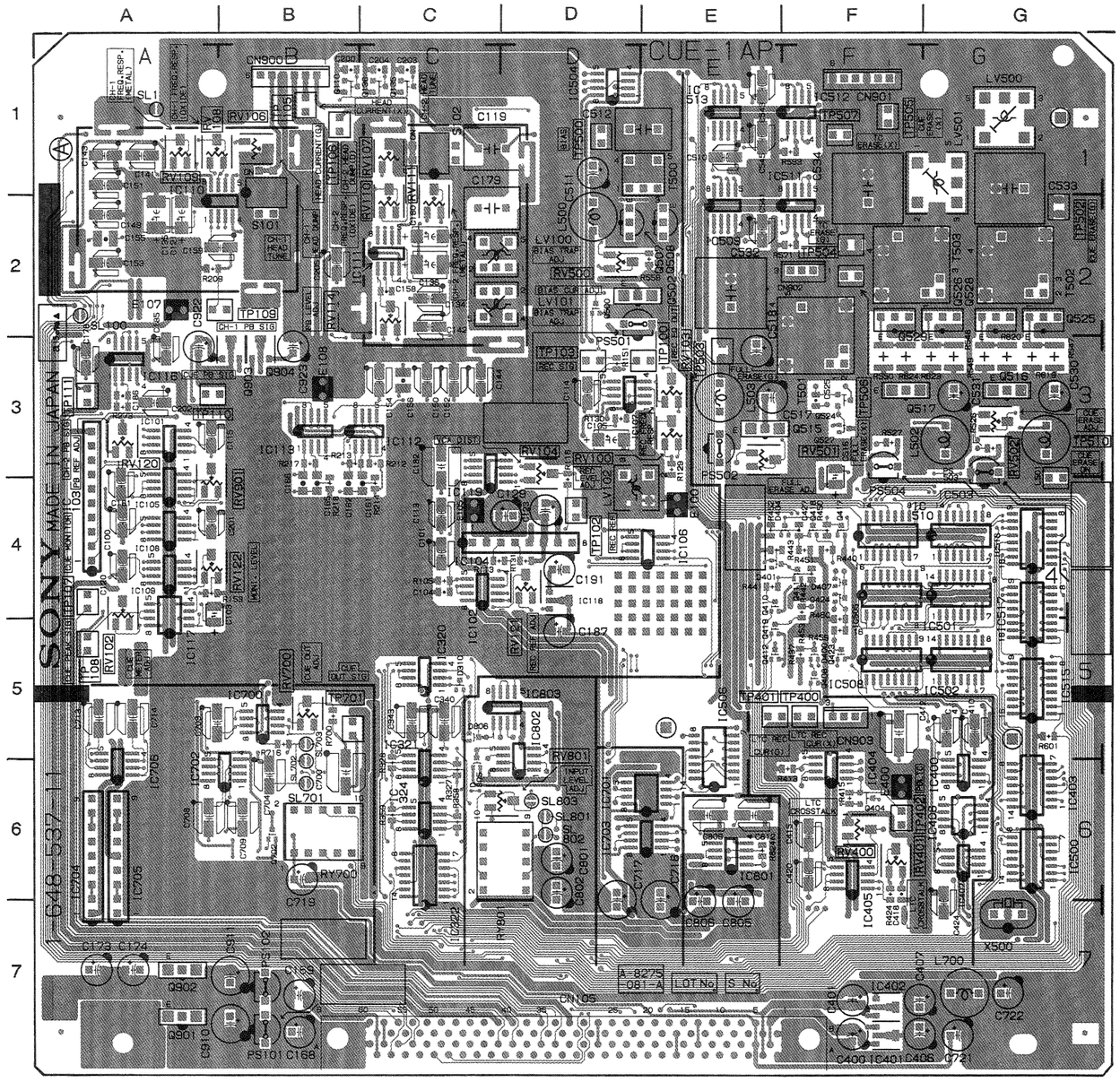
CUE-1AP BOARD -B SIDE-

1-648-537-12 (LOT No. 307 - 402)

DVW-A500P(EK) ; CUE-1AP MCB

CUE-1AP ; CUE REC/PB, LTC REC/PB, and LAU PB circuits, CUE/LTC/FULL erase OSC for PAL
DUS-723

(Board's Lot No. 302 through 306)
DVW-A500P(EK)
DVW-A500P(UC)

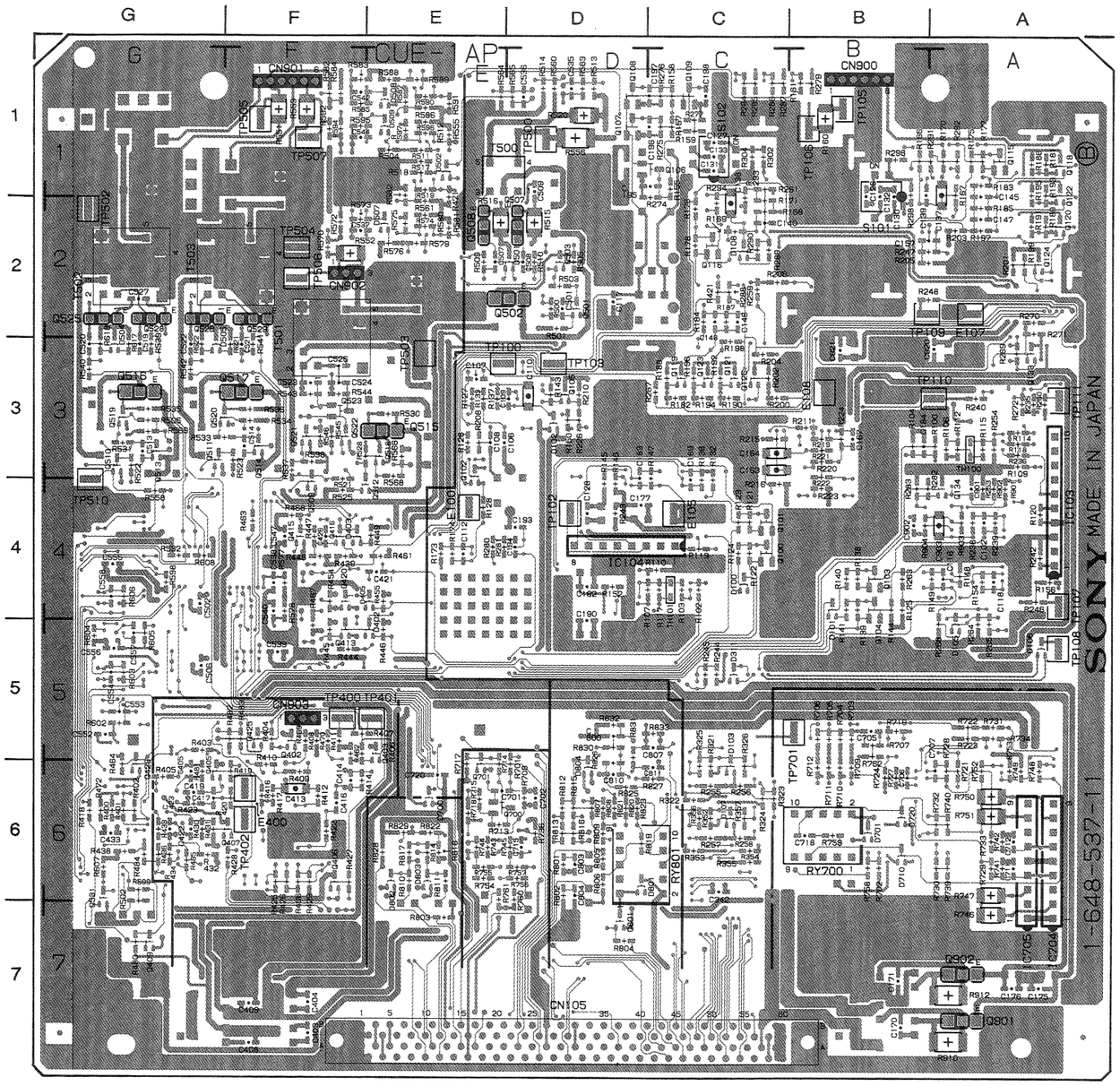


CUE-1AP(1-648-537-11)

CN105	D-7	IC500	G-6	✱Q413	F-5	SL1	A-1
CN900	B-1	IC501	G-4	✱Q415	F-4	SL100	A-2
CN901	F-1	IC502	G-5	✱Q416	F-4	SL701	B-6
CN902	F-2	IC503	G-4	Q417	F-4	SL702	B-6
CN903	F-5	IC504	D-1	Q418	F-4	SL703	B-5
		IC505	F-4	Q419	E-5	SL801	D-6
✱D100	C-4	IC506	E-6	✱Q420	F-4	SL802	D-6
✱D101	B-4	IC508	F-5	Q423	F-5	SL803	D-6
✱D102	D-3	IC509	E-2	Q424	F-4		
✱D103	C-6	IC510	F-4	✱Q425	F-5	T500	E-1
✱D105	A-5	IC511	F-2	✱Q429	G-6	T501	F-3
✱D106	A-5	IC512	F-1	Q500	D-2	T502	G-2
✱D107	C-6	IC513	E-1	✱Q501	D-2	T503	F-2
✱D108	C-2	IC515	G-5	Q502	D-2		
D310	C-5	IC516	G-4	✱Q503	D-2	✱TH100	A-3
✱D311	C-5	IC517	G-5	Q507	D-2	✱TH101	C-4
D400	F-5	IC700	B-5	Q508	E-2		
D401	E-4	IC701	E-6	✱Q509	F-4	TP100	E-3
✱D402	E-5	IC702	B-6	✱Q510	G-3	TP102	D-4
✱D403	F-4	IC703	E-6	✱Q511	F-3	TP103	D-3
D404	F-4	IC704	A-7	✱Q512	F-4	TP105	B-1
✱D405	E-4	IC705	A-7	✱Q513	G-3	TP106	B-1
D407	F-4	IC706	A-6	✱Q514	F-3	TP107	A-4
✱D501	D-2	IC801	E-6	Q515	E-3	TP108	A-5
✱D502	E-1	IC802	D-6	Q516	G-3	TP109	B-2
✱D504	G-3	IC803	D-5	Q517	F-3	TP110	A-3
✱D505	F-3			✱Q518	E-3	TP111	A-3
✱D507	E-2	LV100	D-2	✱Q519	G-3	TP400	F-5
✱D508	E-1	LV101	D-2	✱Q520	F-3	TP401	E-5
✱D509	E-1	LV102	D-4	✱Q521	F-3	TP402	F-6
✱D700	E-6	LV500	G-1	✱Q522	F-3	TP500	D-1
✱D701	B-6	LV501	F-1	✱Q523	F-3	TP502	G-2
✱D710	B-6			Q524	F-3	TP503	E-3
✱D720	B-6	PS101	B-7	Q525	G-2	TP504	F-2
✱D801	D-6	PS102	B-7	Q526	G-2	TP505	F-1
✱D802	E-6	PS501	D-2	Q527	F-3	TP506	F-2
✱D803	E-6	PS502	E-3	Q528	G-2	TP507	F-1
✱D804	D-6	PS503	G-3	Q529	F-2	TP510	G-4
D805	C-6	PS504	F-3	✱Q531	G-6	TP701	B-5
D806	C-5			✱Q700	E-6		
		✱Q100	C-4	✱Q701	E-6	X500	G-7
E100	E-4	✱Q101	C-4	Q702	B-6		
E105	C-4	✱Q102	E-3	✱Q801	D-7		
E107	A-2	✱Q103	B-4	Q901	A-7		
E108	B-3	✱Q104	B-4	Q902	A-7		
E400	F-6	✱Q105	D-3	Q903	B-3		
		✱Q106	C-1	Q904	B-3		
IC101	A-3	✱Q107	D-1				
IC102	C-4	✱Q108	D-1	RV100	E-3		
IC103	A-4	✱Q109	C-1	RV102	A-5		
IC104	C-4	Q110	B-1	RV103	E-3		
IC105	A-4	✱Q115	A-1	RV104	D-3		
IC106	E-4	✱Q116	C-2	RV106	B-1		
IC107	E-3	✱Q118	A-1	RV107	C-1		
IC108	A-4	✱Q119	C-3	RV108	A-1		
IC109	A-4	✱Q120	A-2	RV109	A-1		
IC110	A-2	✱Q121	C-3	RV110	C-2		
IC111	C-2	✱Q122	A-1	RV111	C-2		
IC112	C-3	✱Q123	C-3	RV114	C-2		
IC113	B-3	✱Q124	A-2	RV120	A-3		
IC116	A-3	✱Q125	C-3	RV121	D-4		
IC117	A-5	✱Q133	A-3	RV122	A-4		
IC118	D-4	✱Q134	A-4	RV400	F-6		
IC119	C-4	Q135	C-1	RV401	F-6		
IC320	C-5	Q136	C-1	RV500	D-2		
IC321	C-6	✱Q402	F-5	RV501	E-3		
IC322	C-6	✱Q403	E-5	RV502	G-3		
IC324	C-6	Q404	F-6	RV700	B-5		
IC400	G-6	✱Q405	F-6	RV801	D-6		
IC401	F-7	✱Q406	F-6	RV901	A-4		
IC402	F-7	✱Q407	F-6				
IC403	G-6	Q408	F-5	RY700	B-6		
IC404	F-6	✱Q409	G-7	RY801	D-6		
IC405	F-6	Q410	E-4				
IC406	G-6	Q411	F-4	S101	B-1		
IC407	G-6	Q412	E-5	S102	C-1		

✱ : B SIDE

LOT NO. E-7

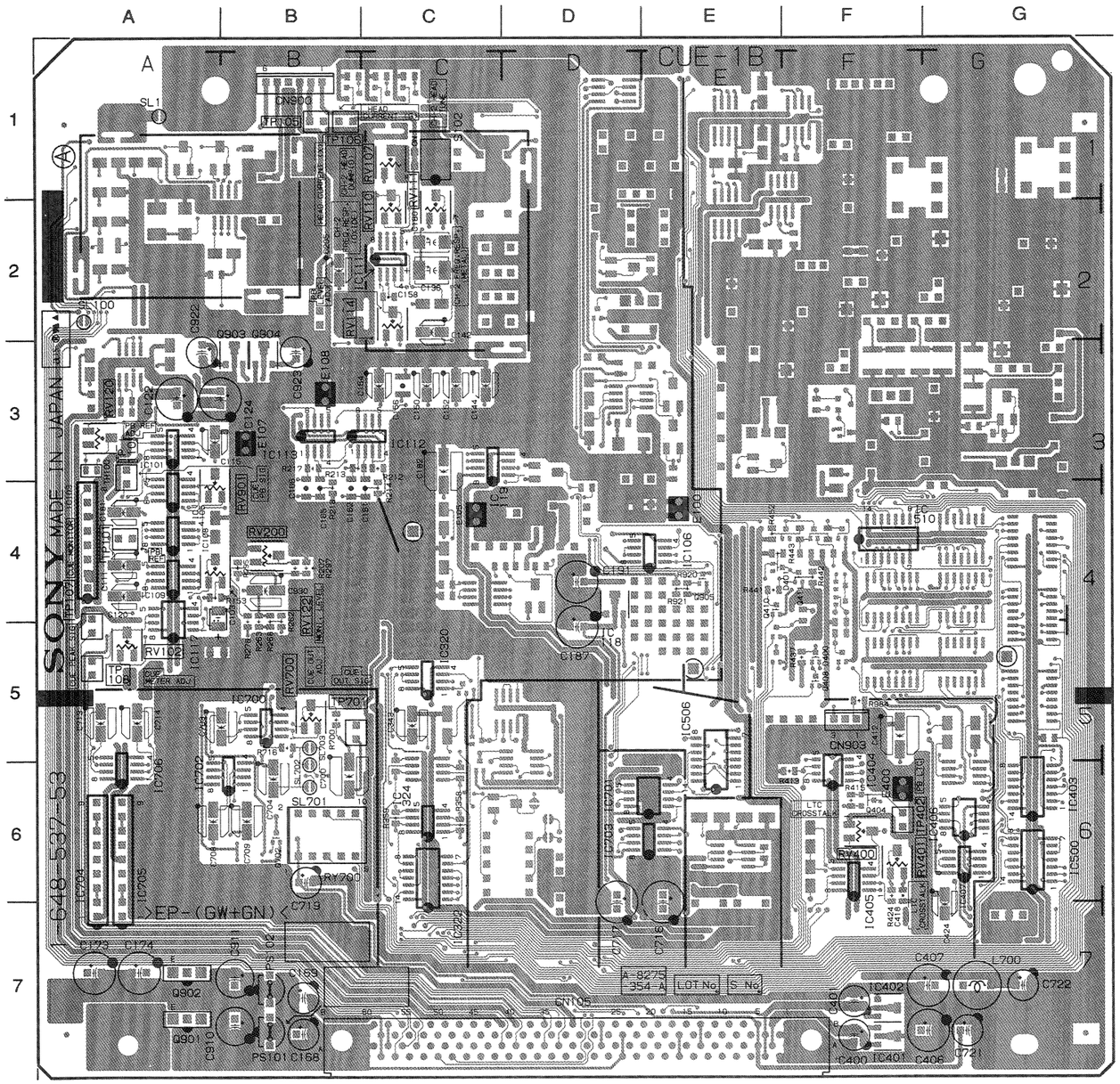


CUE-1AP BOARD -B SIDE-

1-648-537-11 (LOT No. 302 - 306)
DVW-A500P(EK) ; CUE-1AP MCB
DVW-A500P(UC) ; CUE-1APG MCB

CUE-1B ; CUE/LTC PB circuits

(Board's Lot No. 509 and higher)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)



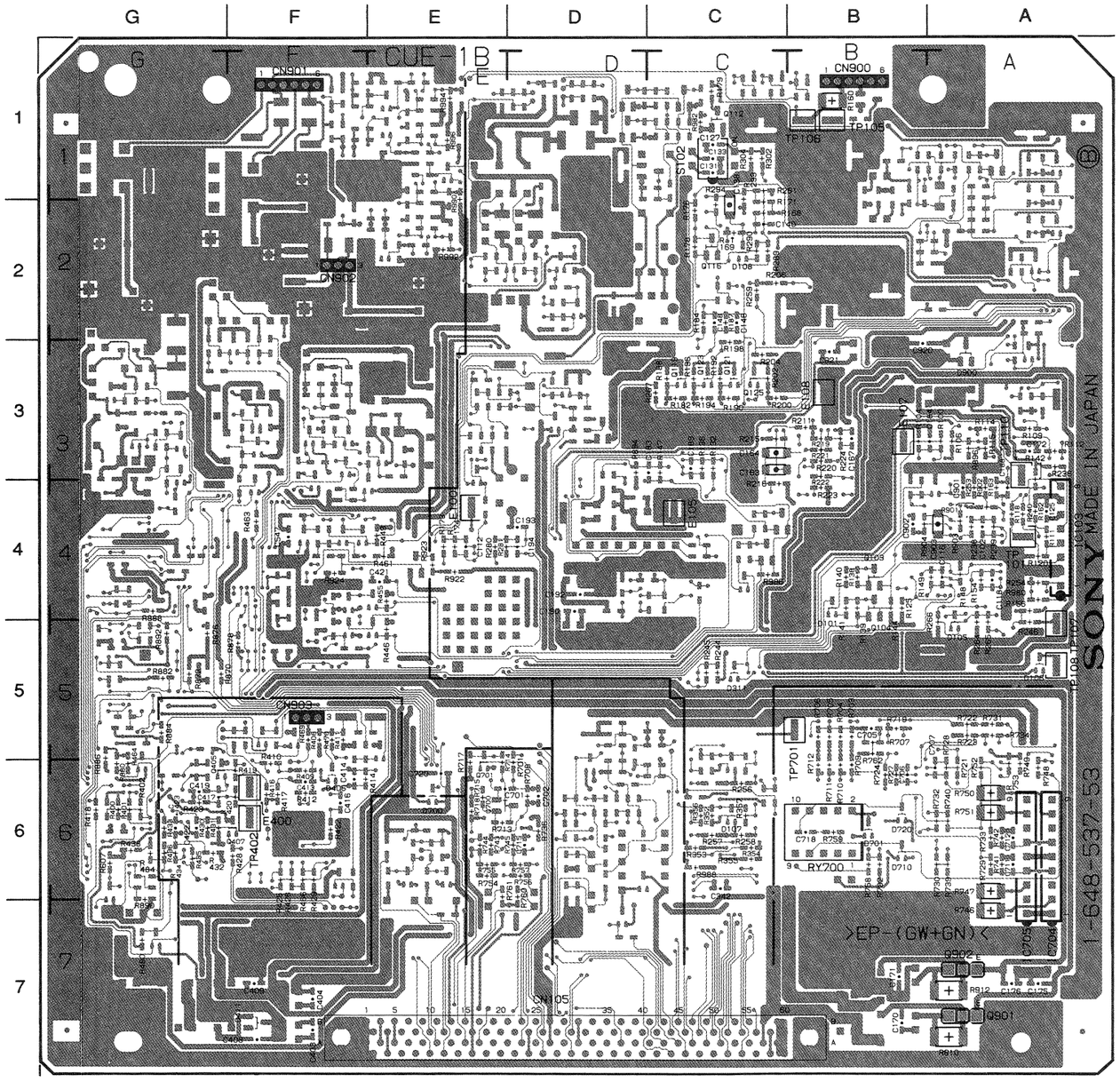
CUE-1B BOARD -A SIDE-
1-648-537-53 (LOT No. 509 -)
DVW-510(J) ; CUE-1B MCB
DVW-510(UC) ; CUE-1B MCB
DVW-510P(EK) ; CUE-1BP MCB

CUE-1B(1-648-537-53)

CN105	D-7	✱Q701	E-6
CN900	B-1	Q702	B-6
CN903	F-5	Q901	A-7
		Q902	A-7
✱D101	B-4	Q903	B-3
✱D105	A-5	Q904	B-3
✱D106	A-5	Q905	E-4
✱D107	C-6	✱Q906	E-4
✱D108	C-2		
✱D311	C-5	RV102	A-4
D400	F-5	RV107	C-1
D401	E-4	RV110	C-2
✱D406	F-6	RV111	C-2
✱D411	F-7	RV114	C-2
✱D700	E-6	RV120	A-3
✱D701	B-6	RV122	A-4
✱D710	B-6	RV200	B-4
✱D720	B-6	RV400	F-6
✱D900	A-3	RV401	F-6
		RV700	B-5
E100	E-4	RV901	A-4
E105	C-4		
E107	B-3	RY700	B-6
E108	B-3		
E400	F-6	S102	C-1
IC101	A-3	SL1	A-1
IC103	A-4	SL100	A-2
IC105	A-4	SL701	B-6
IC106	E-4	SL702	B-6
IC108	A-4	SL703	B-5
IC109	A-4		
IC111	C-2	TH100	A-3
IC112	C-3		
IC113	B-3	TP101	A-4
IC117	A-5	TP105	B-1
IC118	D-4	TP106	B-1
IC119	D-4	TP107	A-5
IC320	C-5	TP108	A-5
IC322	C-6	TP110	A-4
IC324	C-6	TP402	F-6
IC401	F-7	TP701	B-5
IC402	F-7		
IC403	G-6		
IC404	F-6		
IC405	F-6		
IC406	G-6		
IC407	G-6		
IC500	G-6		
IC506	E-6		
IC510	F-4		
IC700	B-5		
IC701	E-6		
IC702	B-6		
IC703	E-6		
IC704	A-7		
IC705	A-7		
IC706	A-6		
PS101	B-7		
PS102	B-7		
✱Q103	B-4		
✱Q104	B-4		
✱Q111	D-3		
✱Q119	C-3		
✱Q121	C-3		
✱Q123	C-3		
✱Q125	C-3		
Q404	F-6		
✱Q405	F-6		
✱Q407	F-6		
Q408	F-5		
Q410	E-4		
Q411	F-4		
✱Q700	E-6		

✱ : B SIDE

LOT NO. E-7



CUE-1B BOARD -B SIDE-

1-648-537-53 (LOT No. 509 -)

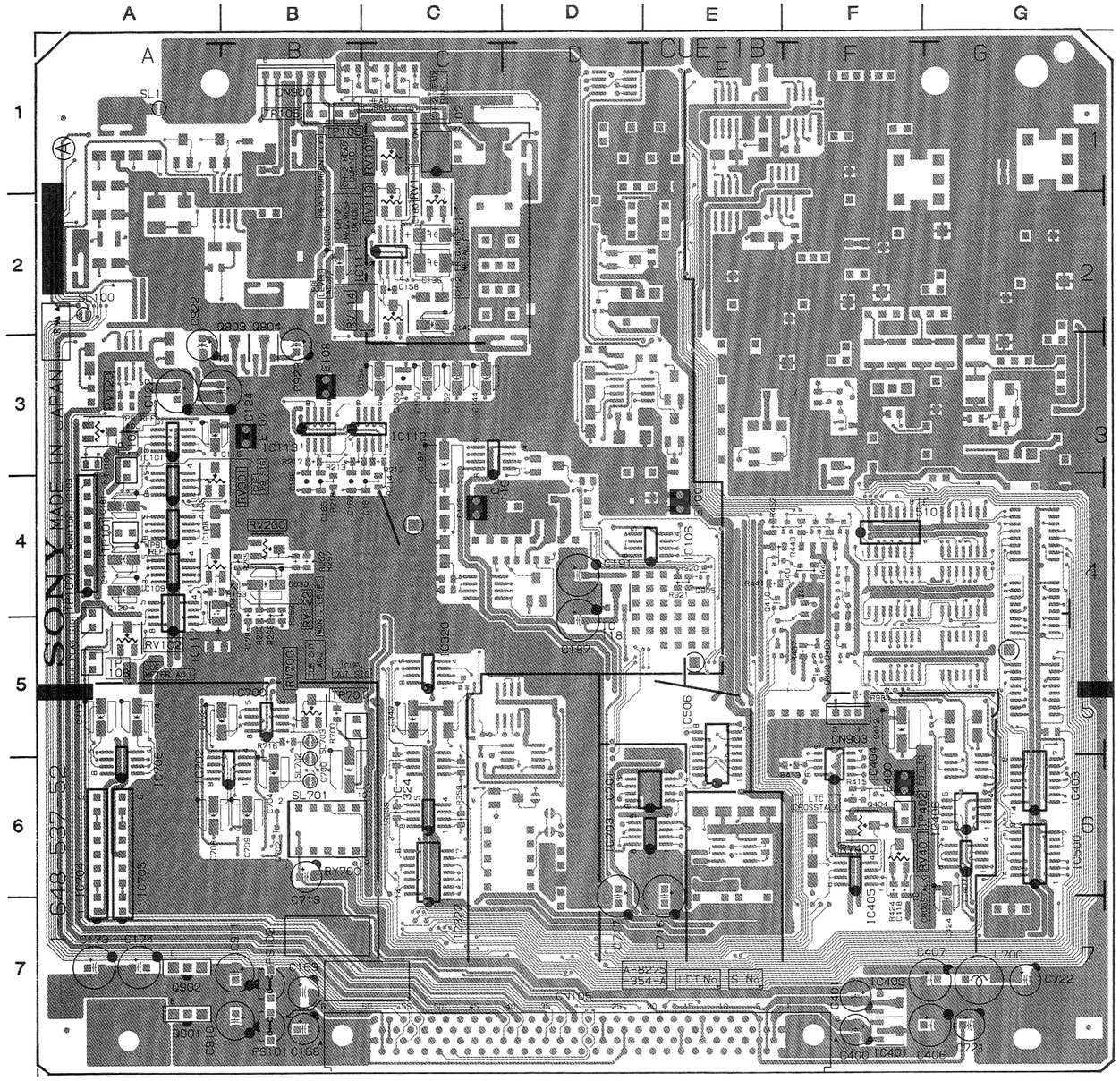
DVW-510(J) ; CUE-1B MCB

DVW-510(UC) ; CUE-1B MCB

DVW-510P(EK) ; CUE-1BP MCB

CUE-1B ; CUE/LTC PB circuits

(Board's Lot No. 403 through 508)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)



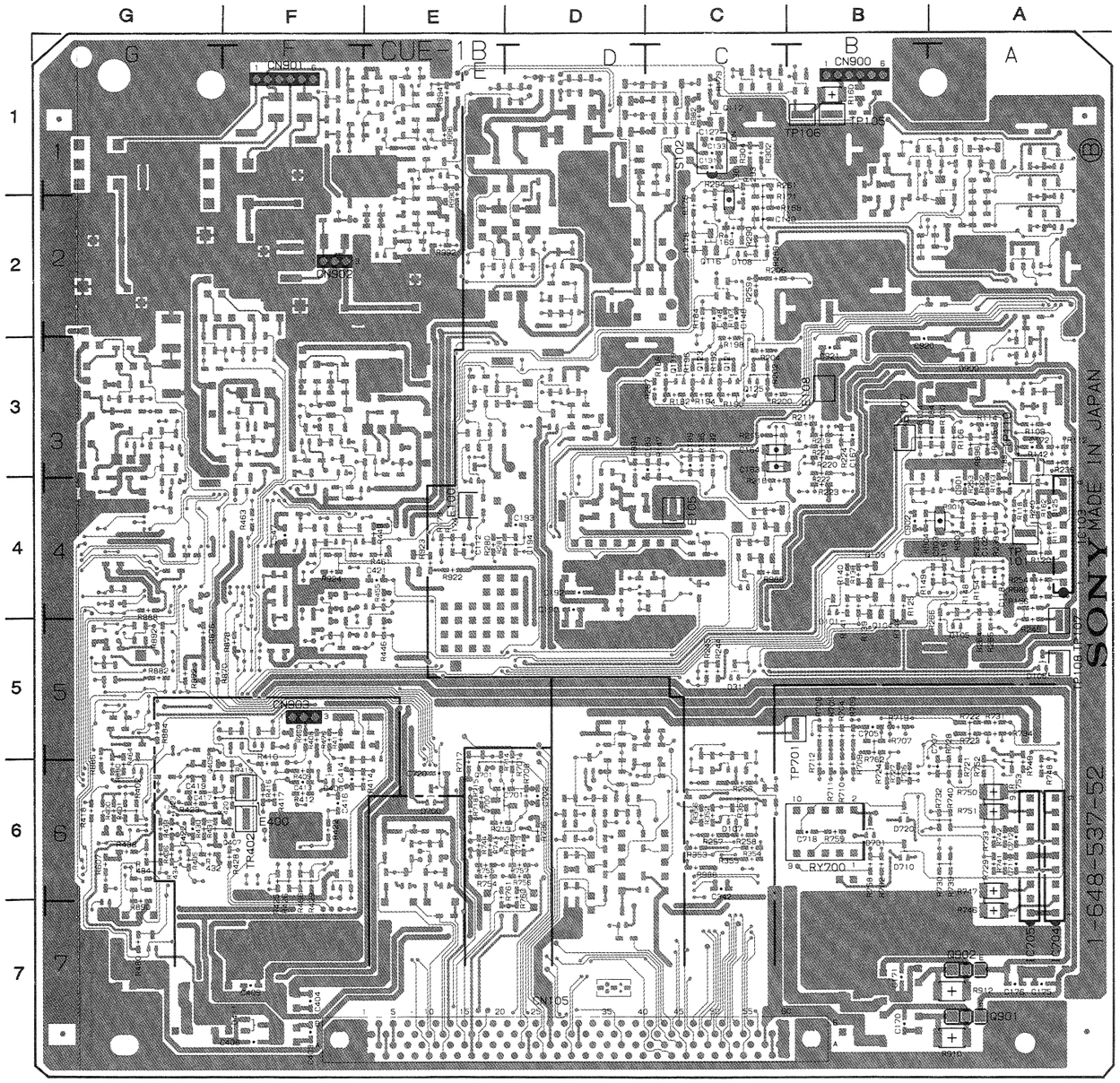
CUE-1B BOARD -A SIDE-
1-648-537-52 (LOT No. 403 - 508)
DVW-510(J) ; CUE-1B MCB
DVW-510(UC) ; CUE-1B MCB
DVW-510P(EK) ; CUE-1BP MCB

CUE-1B(1-648-537-52)

CN105	D-7	✱Q701	E-6
CN900	B-1	Q702	B-6
CN903	F-5	Q901	A-7
		Q902	A-7
✱D101	B-4	Q903	B-3
✱D105	A-5	Q904	B-3
✱D106	A-5	Q905	E-4
✱D107	C-6	✱Q906	E-4
✱D108	C-2		
✱D311	C-5	RV102	A-4
D400	F-5	RV107	C-1
D401	E-4	RV110	C-2
✱D406	F-6	RV111	C-2
✱D411	F-7	RV114	C-2
✱D700	E-6	RV120	A-3
✱D701	B-6	RV122	A-4
✱D710	B-6	RV200	B-4
✱D720	B-6	RV400	F-6
✱D900	A-3	RV401	F-6
		RV700	B-5
E100	E-4	RV901	A-4
E105	C-4		
E107	B-3	RY700	B-6
E108	B-3		
E400	F-6	S102	C-1
IC101	A-3	SL1	A-1
IC103	A-4	SL100	A-2
IC105	A-4	SL701	B-6
IC106	E-4	SL702	B-6
IC108	A-4	SL703	B-5
IC109	A-4		
IC111	C-2	TH100	A-3
IC112	C-3		
IC113	B-3	TP101	A-4
IC117	A-5	TP105	B-1
IC118	D-4	TP106	B-1
IC119	D-4	TP107	A-5
IC320	C-5	TP108	A-5
IC322	C-6	TP110	A-4
IC324	C-6	TP402	F-6
IC401	F-7	TP701	B-5
IC402	F-7		
IC403	G-6		
IC404	F-6		
IC405	F-6		
IC406	G-6		
IC407	G-6		
IC500	G-6		
IC506	E-6		
IC510	F-4		
IC700	B-5		
IC701	E-6		
IC702	B-6		
IC703	E-6		
IC704	A-7		
IC705	A-7		
IC706	A-6		
PS101	B-7		
PS102	B-7		
✱Q103	B-4		
✱Q104	B-4		
✱Q111	D-3		
✱Q119	C-3		
✱Q121	C-3		
✱Q123	C-3		
✱Q125	C-3		
Q404	F-6		
✱Q405	F-6		
✱Q407	F-6		
Q408	F-5		
Q410	E-4		
Q411	F-4		
✱Q700	E-6		

✱ : B SIDE

LOT NO. E-7



CUE-1B BOARD -B SIDE-

1-648-537-52 (LOT No. 403 - 508)

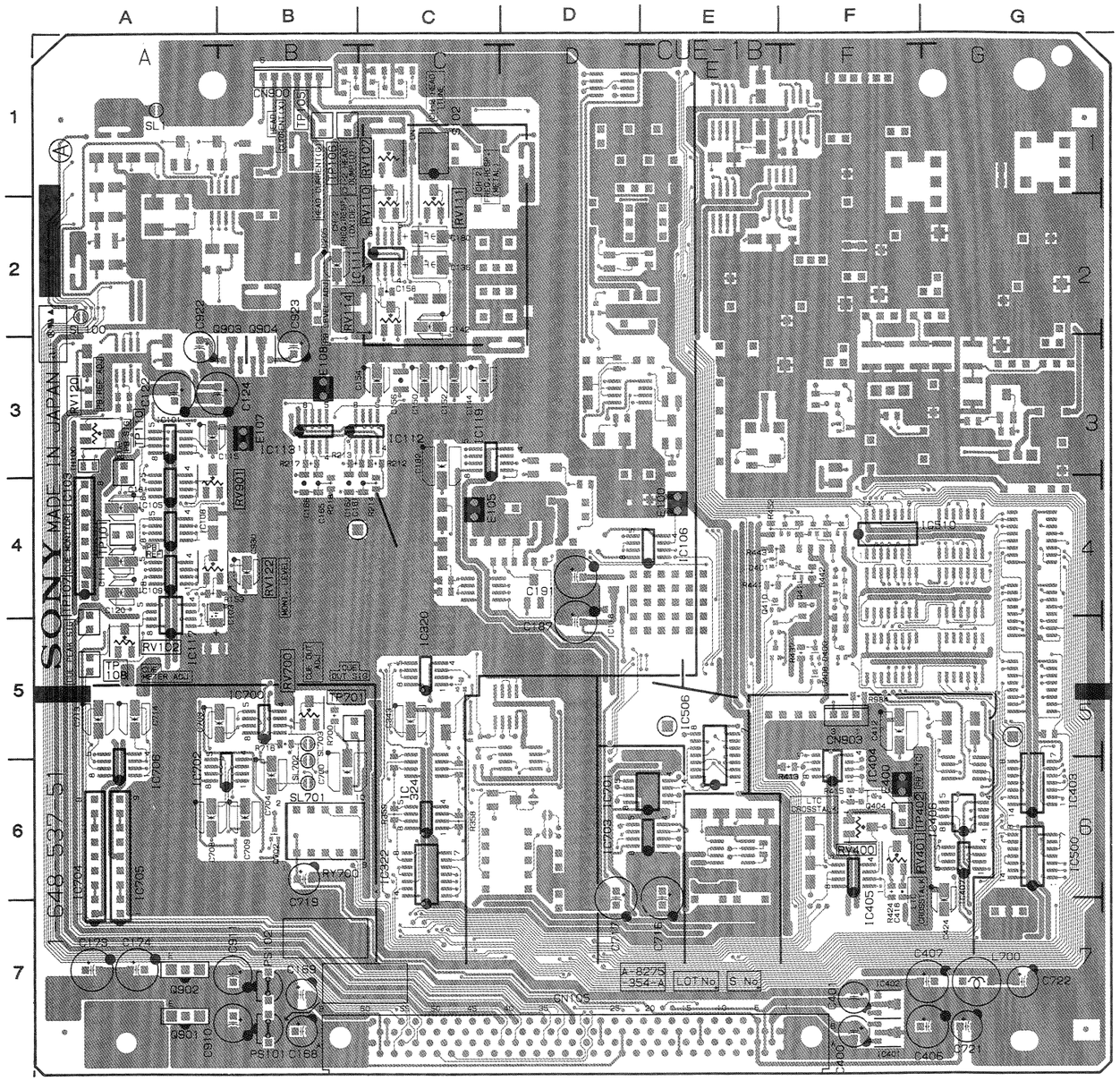
DVW-510(J) ; CUE-1B MCB

DVW-510(UC) ; CUE-1B MCB

DVW-510P(EK) ; CUE-1BP MCB

CUE-1B ; CUE/LTC PB circuits

(Board's Lot No. 308 through 402)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)



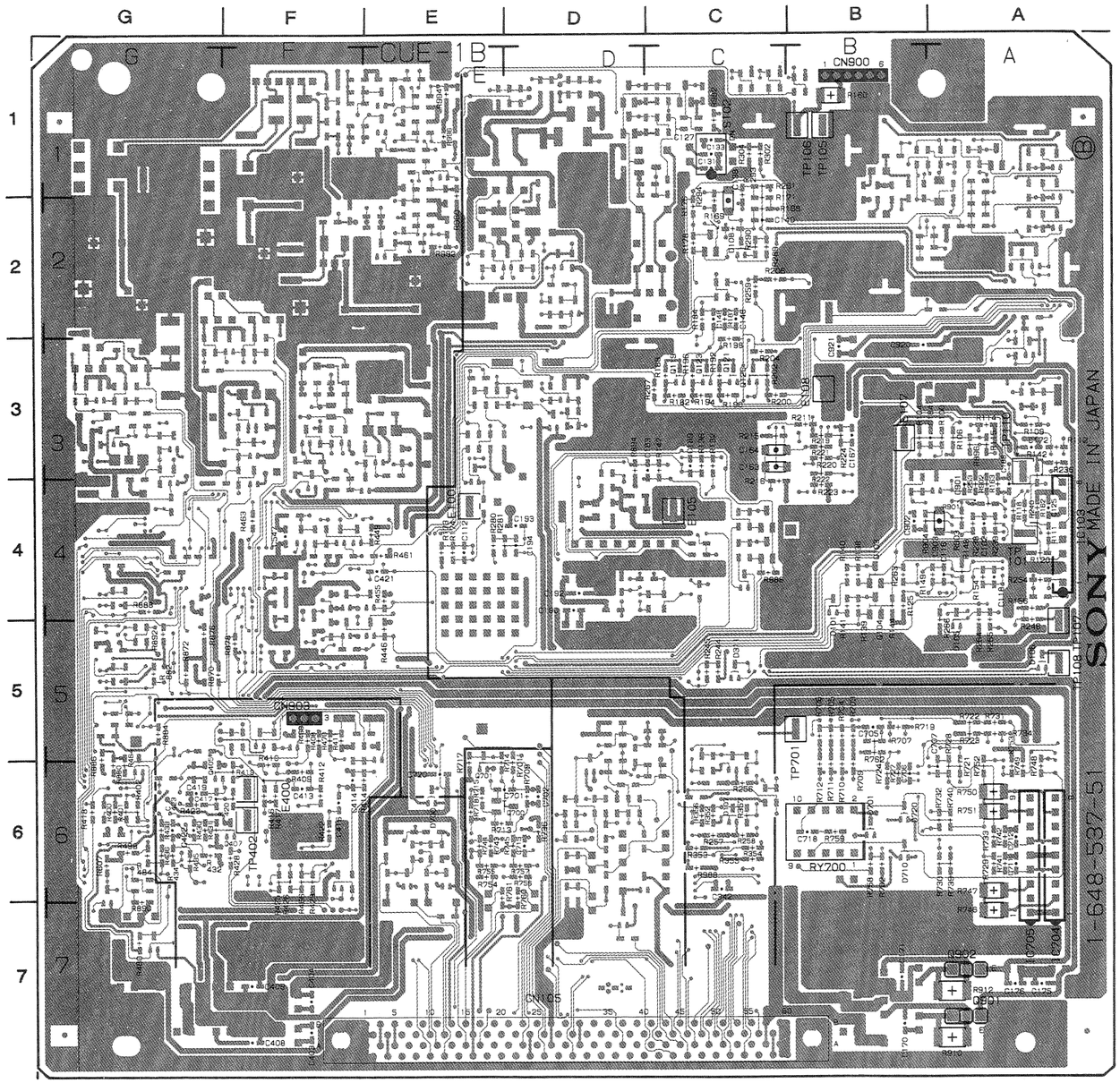
CUE-1B BOARD -A SIDE-
1-648-537-51 (LOT No. 308 - 402)
DVW-510(J) ; CUE-1B MCB
DVW-510(UC) ; CUE-1B MCB
DVW-510P(EK) ; CUE-1BP MCB

CUE-1B(1-648-537-51)

CN105	D-7	Q903	B-3
CN900	B-1	Q904	B-3
CN903	F-5		
		RV102	A-4
✱D101	B-4	RV107	C-1
✱D105	A-5	RV110	C-2
✱D106	A-5	RV111	C-2
✱D107	C-6	RV114	C-2
✱D108	C-2	RV120	A-3
✱D311	C-5	RV122	A-4
D400	F-5	RV400	F-6
D401	E-4	RV401	F-6
✱D700	E-6	RV700	B-5
✱D701	B-6	RV901	A-4
✱D710	B-6		
✱D720	B-6	RY700	B-6
E100	E-4	S102	C-1
E105	C-4		
E107	B-3	SL1	A-1
E108	B-3	SL100	A-2
E400	F-6	SL701	B-6
		SL702	B-6
IC101	A-3	SL703	B-5
IC103	A-4		
IC105	A-4	TH100	A-3
IC106	E-4		
IC108	A-4	TP101	A-4
IC109	A-4	TP105	B-1
IC111	C-2	TP106	B-1
IC112	C-3	TP107	A-5
IC113	B-3	TP108	A-5
IC117	A-5	TP110	A-4
IC118	D-4	TP402	F-6
IC119	D-4	TP701	B-5
IC320	C-5		
IC322	C-6		
IC324	C-6		
IC401	F-7		
IC402	F-7		
IC403	G-6		
IC404	F-6		
IC405	F-6		
IC406	G-6		
IC407	G-6		
IC500	G-6		
IC506	E-6		
IC510	F-4		
IC700	B-5		
IC701	E-6		
IC702	B-6		
IC703	E-6		
IC704	A-7		
IC705	A-7		
IC706	A-6		
PS101	B-7		
PS102	B-7		
✱Q103	B-4		
✱Q104	B-4		
✱Q119	C-3		
✱Q121	C-3		
✱Q123	C-3		
✱Q125	C-3		
Q404	F-6		
✱Q405	F-6		
✱Q407	F-6		
Q408	F-5		
Q410	E-4		
Q411	F-4		
✱Q700	E-6		
✱Q701	E-6		
Q702	B-6		
Q901	A-7		
Q902	A-7		

✱ : B SIDE

LOT NO. E-7

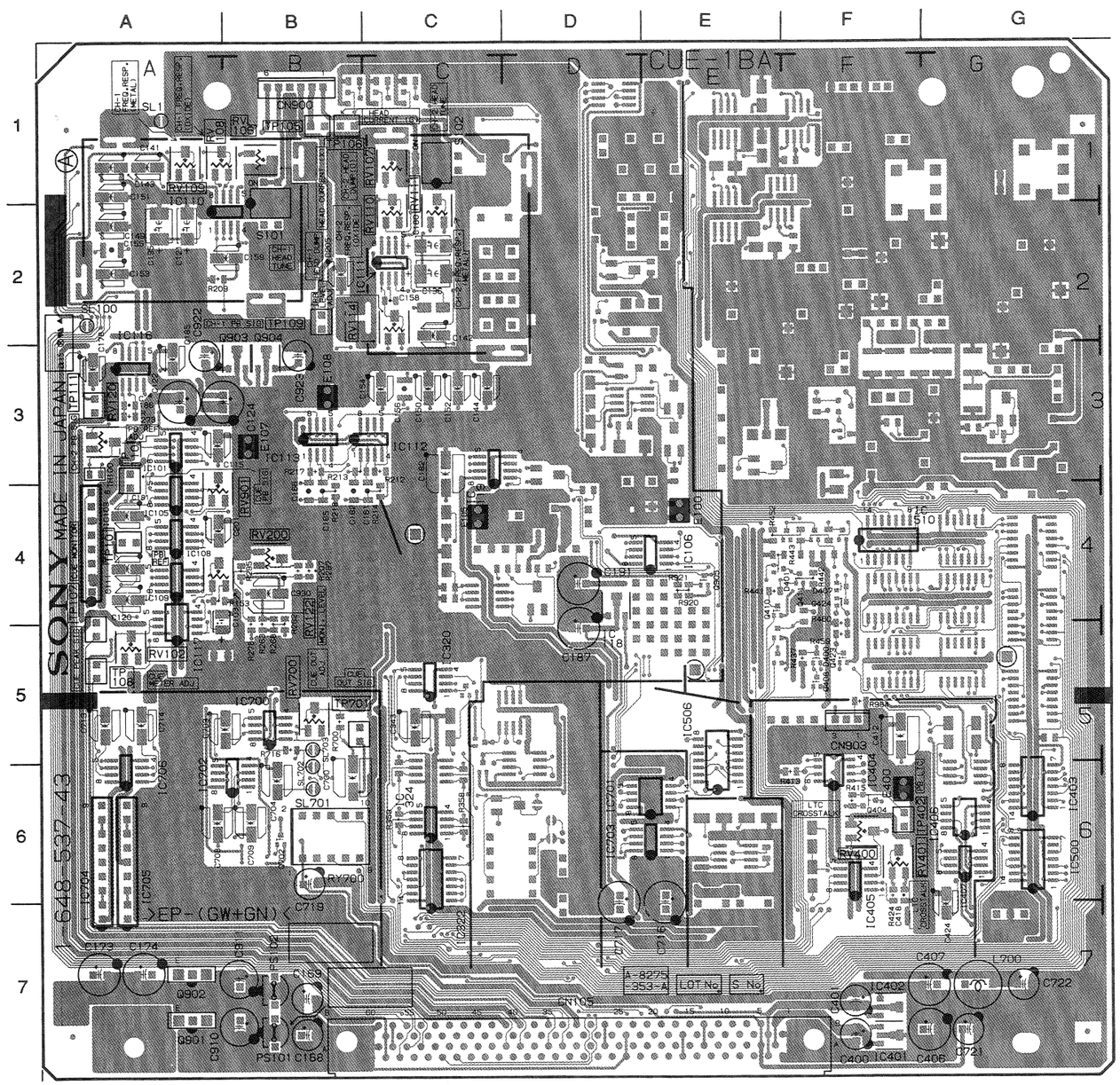


CUE-1B BOARD -B SIDE-

1-648-537-51 (LOT No. 308 - 402)
DVW-510(J) ; CUE-1B MCB
DVW-510(UC) ; CUE-1B MCB
DVW-510P(EK) ; CUE-1BP MCB

CUE-1BA ; CUE/LTC/LAU PB circuits

(Board's Lot No. 511 and higher)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)

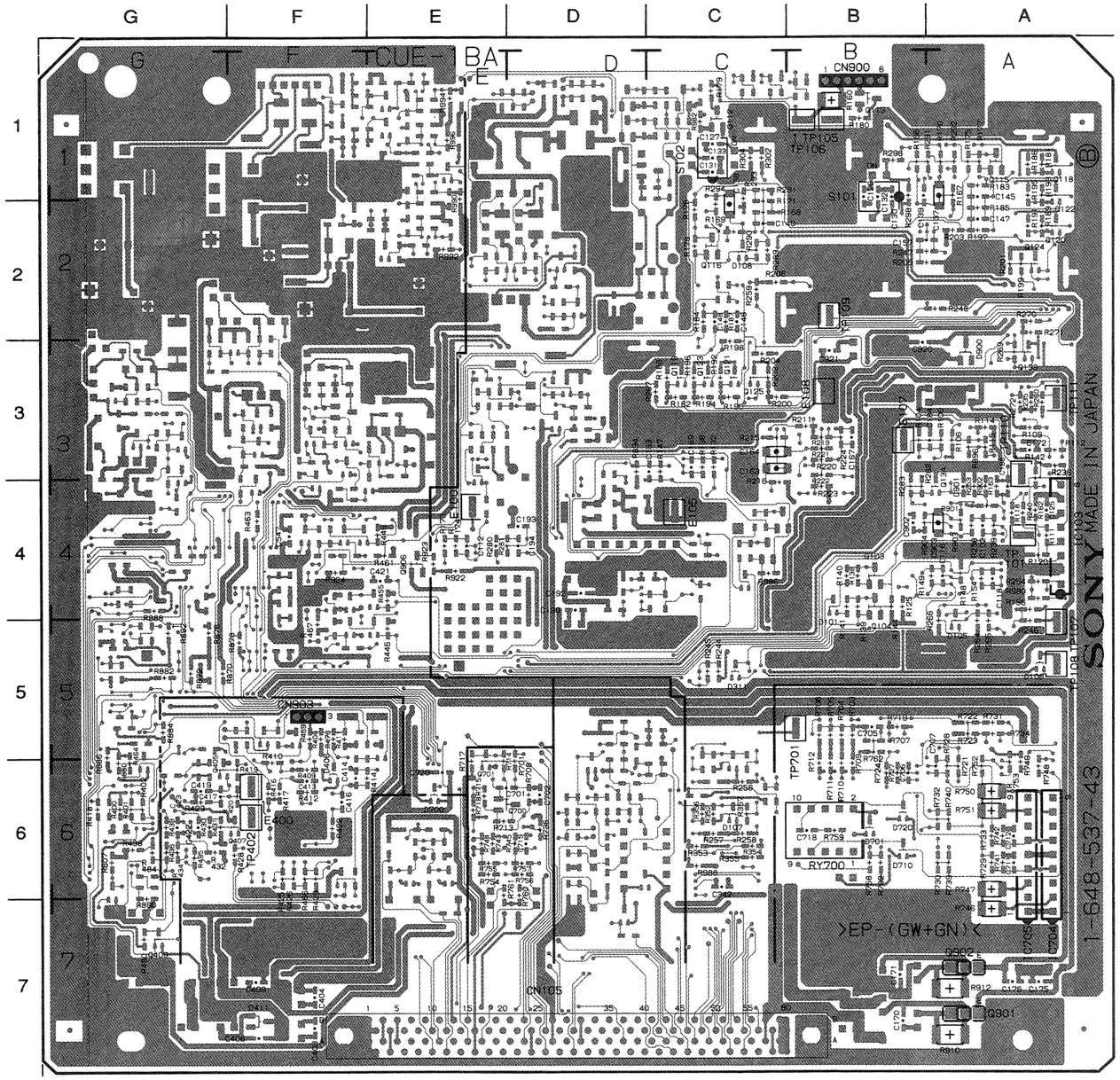


CUE-1BA(1-648-537-43)

CN105	D-7	✱Q123	C-3
CN900	B-1	✱Q124	A-2
CN903	F-5	✱Q125	C-3
		✱Q133	A-3
✱D101	B-4	Q404	F-6
✱D105	A-5	✱Q405	F-6
✱D106	A-5	✱Q407	F-6
✱D107	C-6	Q408	F-5
✱D108	C-2	✱Q409	G-7
✱D311	C-5	Q410	E-4
D400	F-5	Q411	F-4
D401	E-4	Q423	F-5
✱D406	F-6	Q424	F-4
D407	F-4	✱Q700	E-6
✱D411	F-7	✱Q701	E-6
✱D700	E-6	Q702	B-6
✱D701	B-6	Q901	A-7
✱D710	B-6	Q902	A-7
✱D720	B-6	Q903	B-3
✱D900	A-3	Q904	B-3
		Q905	E-4
E100	E-4	✱Q906	E-4
E105	C-4		
E107	B-3	RV102	A-5
E108	B-3	RV106	B-1
E400	F-6	RV107	C-1
		RV108	A-1
IC101	A-3	RV109	A-1
IC103	A-4	RV110	C-2
IC105	A-4	RV111	C-2
IC106	E-4	RV114	C-2
IC108	A-4	RV120	A-3
IC109	A-4	RV122	A-4
IC110	A-2	RV200	B-4
IC111	C-2	RV400	F-6
IC112	C-3	RV401	F-6
IC113	B-3	RV700	B-5
IC116	A-3	RV901	A-4
IC117	A-5		
IC118	D-4	RY700	B-6
IC119	D-4		
IC320	C-5	S101	B-1
IC322	C-6	S102	C-1
IC324	C-6		
IC401	F-7	SL1	A-1
IC402	F-7	SL100	A-2
IC403	G-6	SL701	B-6
IC404	F-6	SL702	B-6
IC405	F-6	SL703	B-5
IC406	G-6		
IC407	G-6	TH100	A-3
IC500	G-6		
IC506	E-6	TP105	B-1
IC510	F-4	TP106	B-1
IC700	B-5	TP107	A-5
IC701	E-6	TP108	A-5
IC702	B-6	TP109	B-2
IC703	E-6	TP110	A-4
IC704	A-7	TP111	A-3
IC705	A-7	TP402	F-6
IC706	A-6	TP701	B-5
PS101	B-7		
PS102	B-7		
✱Q103	B-4		
✱Q104	B-4		
✱Q112	C-1		
✱Q113	B-1		
✱Q115	A-1		
✱Q116	C-2		
✱Q118	A-1		
✱Q119	C-3		
✱Q120	A-2		
✱Q121	C-3		
✱Q122	A-1		

✱ : B SIDE

LOT NO. E-7



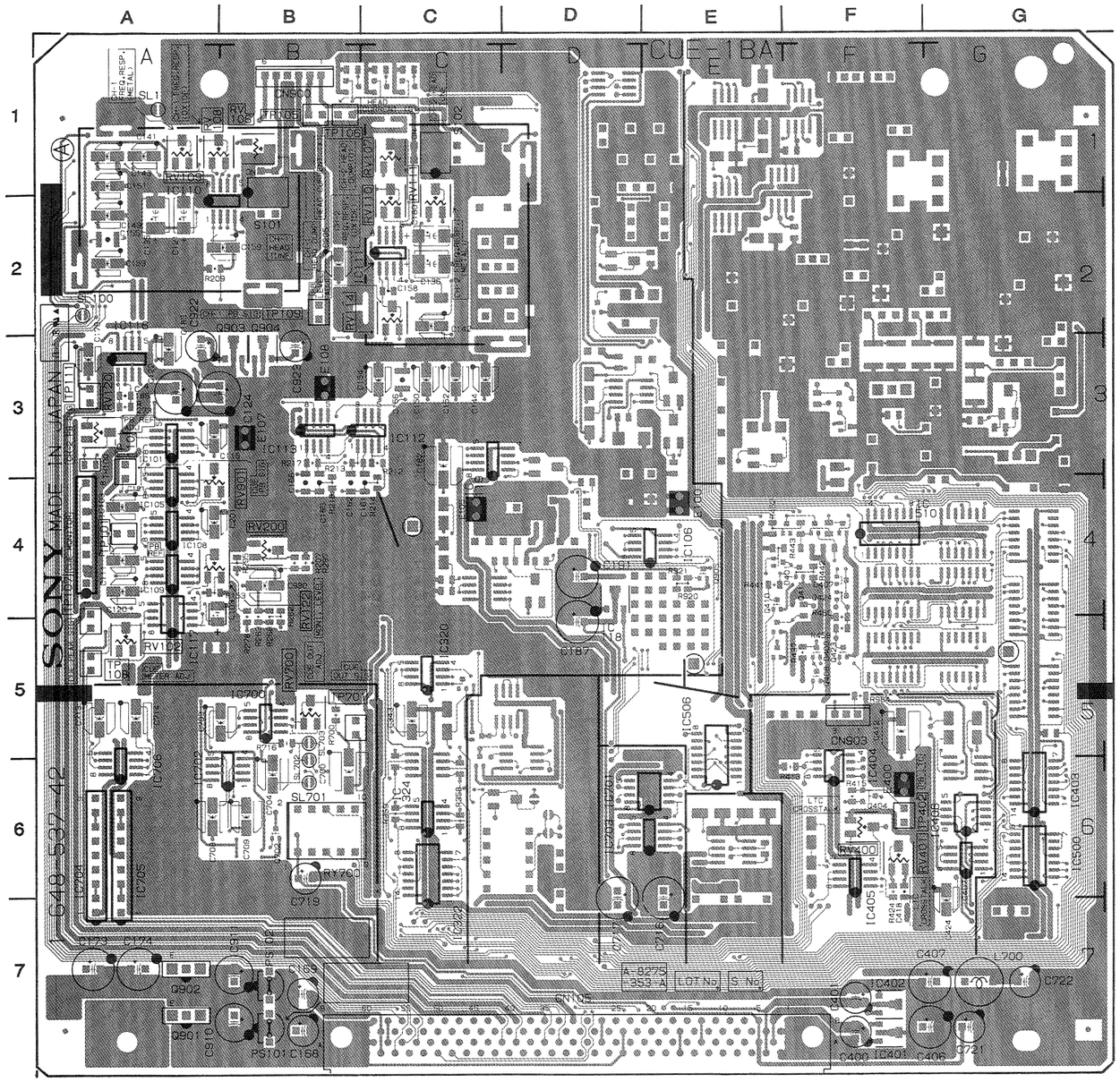
CUE-1BA BOARD -B SIDE-

1-648-537-43 (LOT No. 511 -)

DVW-A510(J) ; CUE-1BA MCB
DVW-A510(UC) ; CUE-1BA MCB
DVW-A510P(EK) ; CUE-1BAP MCB
DVW-CA510(J) ; CUE-1BA MCB
DVW-CA510(UC) ; CUE-1BA MCB
DVW-CA510P(EK) ; CUE-1BAP MCB

CUE-1BA ; CUE/LTC/LAU PB circuits

(Board's Lot No. 403 through 509)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



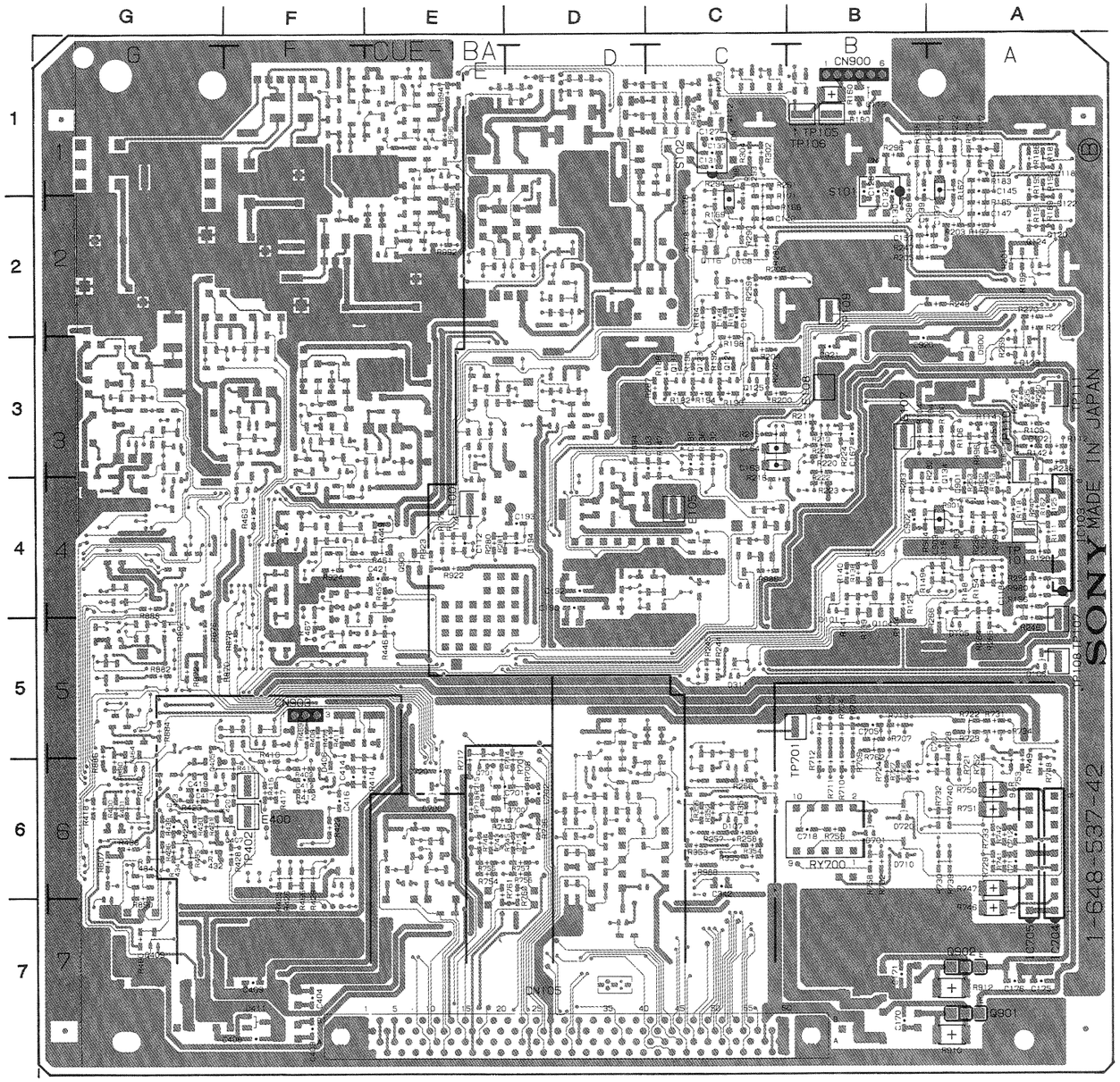
CUE-1BA(1-648-537-42)

CN105	D-7	✱Q123	C-3
CN900	B-1	✱Q124	A-2
CN903	F-5	✱Q125	C-3
		✱Q133	A-3
✱D101	B-4	Q404	F-6
✱D105	A-5	✱Q405	F-6
✱D106	A-5	✱Q407	F-6
✱D107	C-6	Q408	F-5
✱D108	C-2	✱Q409	G-7
✱D311	C-5	Q410	E-4
D400	F-5	Q411	F-4
D401	E-4	Q423	F-5
✱D406	F-6	Q424	F-4
D407	F-4	✱Q700	E-6
✱D411	F-7	✱Q701	E-6
✱D700	E-6	Q702	B-6
✱D701	B-6	Q901	A-7
✱D710	B-6	Q902	A-7
✱D720	B-6	Q903	B-3
✱D900	A-3	Q904	B-3
		Q905	E-4
E100	E-4	✱Q906	E-4
E105	C-4		
E107	B-3	RV102	A-5
E108	B-3	RV106	B-1
E400	F-6	RV107	C-1
		RV108	A-1
IC101	A-3	RV109	A-1
IC103	A-4	RV110	C-2
IC105	A-4	RV111	C-2
IC106	E-4	RV114	C-2
IC108	A-4	RV120	A-3
IC109	A-4	RV122	A-4
IC110	A-2	RV200	B-4
IC111	C-2	RV400	F-6
IC112	C-3	RV401	F-6
IC113	B-3	RV700	B-5
IC116	A-3	RV901	A-4
IC117	A-5		
IC118	D-4	RY700	B-6
IC119	D-4		
IC320	C-5	S101	B-1
IC322	C-6	S102	C-1
IC324	C-6		
IC401	F-7	SL1	A-1
IC402	F-7	SL100	A-2
IC403	G-6	SL701	B-6
IC404	F-6	SL702	B-6
IC405	F-6	SL703	B-5
IC406	G-6		
IC407	G-6	TH100	A-3
IC500	G-6		
IC506	E-6	TP105	B-1
IC510	F-4	TP106	B-1
IC700	B-5	TP107	A-5
IC701	E-6	TP108	A-5
IC702	B-6	TP109	B-2
IC703	E-6	TP110	A-4
IC704	A-7	TP111	A-3
IC705	A-7	TP402	F-6
IC706	A-6	TP701	B-5
PS101	B-7		
PS102	B-7		

✱Q103	B-4
✱Q104	B-4
✱Q112	C-1
✱Q113	B-1
✱Q115	A-1
✱Q116	C-2
✱Q118	A-1
✱Q119	C-3
✱Q120	A-2
✱Q121	C-3
✱Q122	A-1

✱ : B SIDE

LOT NO. E-7



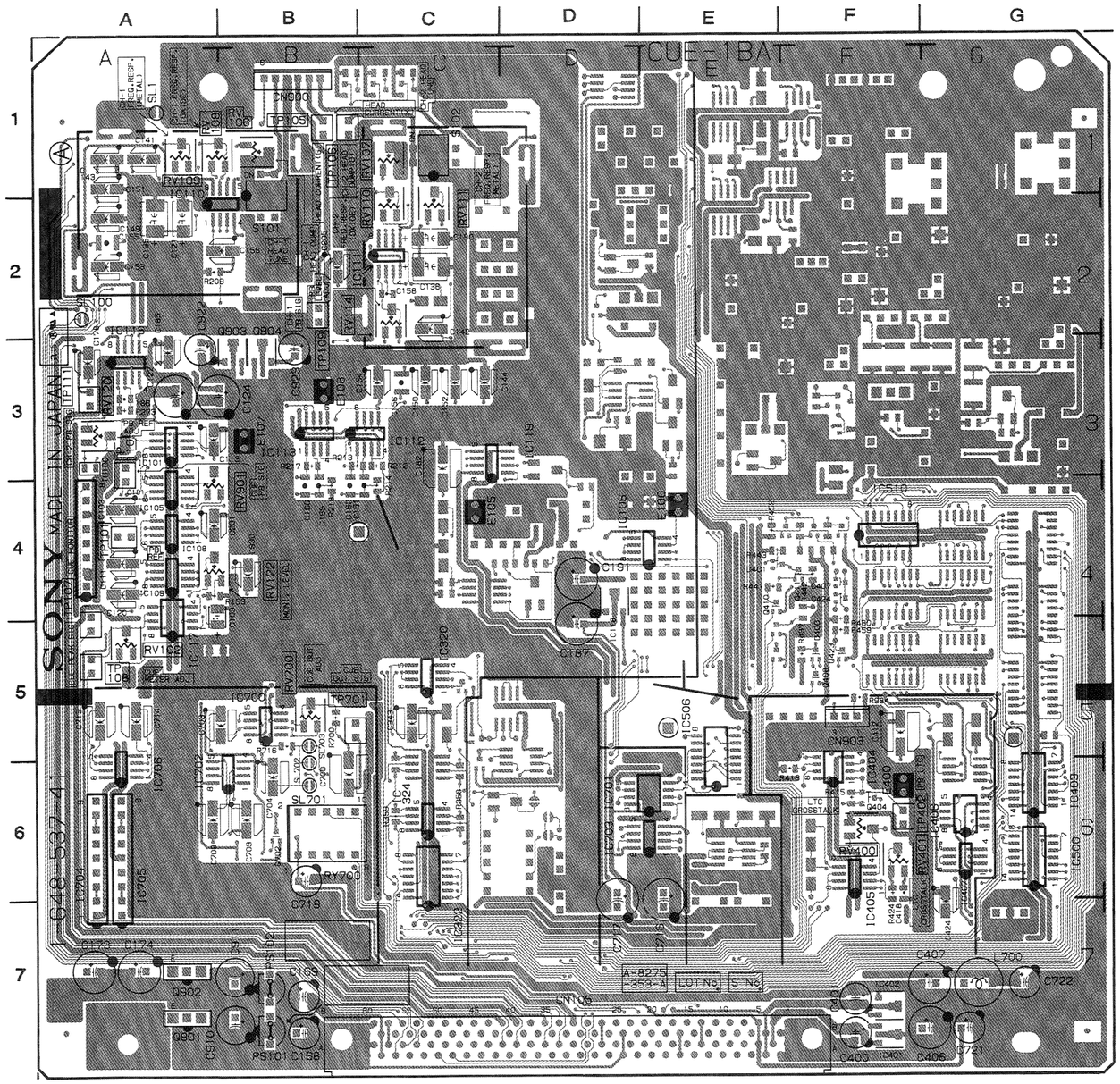
CUE-1BA BOARD -B SIDE-

1-648-537-42 (LOT No. 403 - 509)

DVW-A510(J)	; CUE-1BA MCB
DVW-A510(UC)	; CUE-1BA MCB
DVW-A510P(EK)	; CUE-1BAP MCB
DVW-CA510(J)	; CUE-1BA MCB
DVW-CA510(UC)	; CUE-1BA MCB
DVW-CA510P(EK)	; CUE-1BAP MCB

CUE-1BA ; CUE/LTC/LAU PB circuits

(Board's Lot No. 307 through 402)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)


A
B
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CUE-1BAT
SONY MADE IN JAPAN
1-648-537-41
A-8225-359-A
LOT No.
S No.
CN900
CN903
IC700
IC701
IC705
IC506
IC405
IC324
SL701
RV700
RV400
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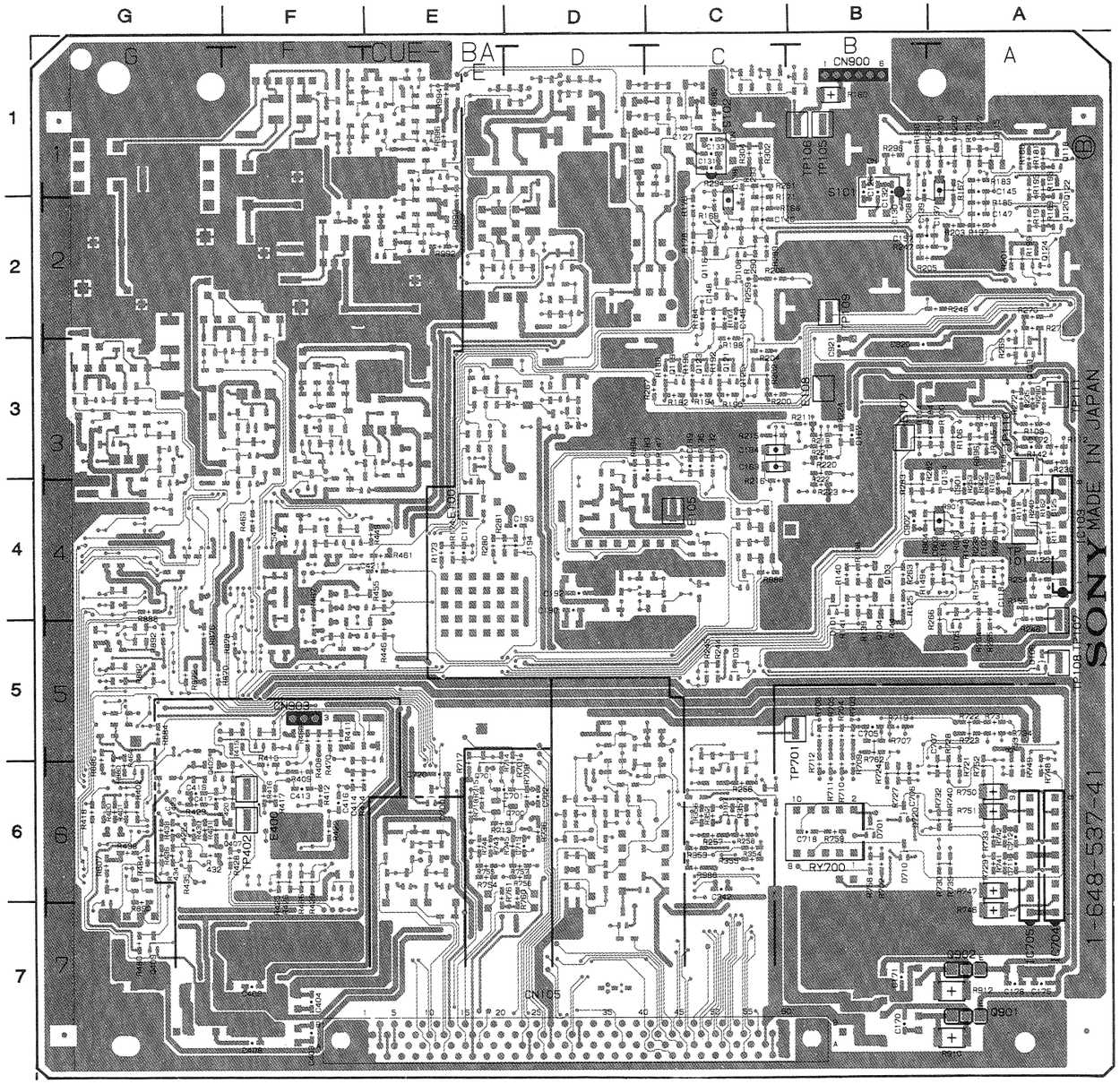
CUE-1BA(1-648-537-41)

CN105	D-7	✱Q405	F-6
CN900	B-1	✱Q407	F-6
CN903	F-5	Q408	F-5
		✱Q409	G-7
✱D101	B-4	Q410	E-4
✱D105	A-5	Q411	F-4
✱D106	A-5	Q423	F-5
✱D107	C-6	Q424	F-4
✱D108	C-2	✱Q700	E-6
✱D311	C-5	✱Q701	E-6
D400	F-5	Q702	B-6
D401	E-4	Q901	A-7
D407	F-4	Q902	A-7
✱D700	E-6	Q903	B-3
✱D701	B-6	Q904	B-3
✱D710	B-6		
✱D720	B-6	RV102	A-5
		RV106	B-1
E100	E-4	RV107	C-1
E105	C-4	RV108	A-1
E107	B-3	RV109	A-1
E108	B-3	RV110	C-2
E400	F-6	RV111	C-2
		RV114	C-2
IC101	A-3	RV120	A-3
IC103	A-4	RV122	A-4
IC105	A-4	RV400	F-6
IC106	E-4	RV401	F-6
IC108	A-4	RV700	B-5
IC109	A-4	RV901	A-4
IC110	A-2		
IC111	C-2	RY700	B-6
IC112	C-3		
IC113	B-3	S101	B-1
IC116	A-3	S102	C-1
IC117	A-5		
IC118	D-4	SL1	A-1
IC119	D-4	SL100	A-2
IC320	C-5	SL701	B-6
IC322	C-6	SL702	B-6
IC324	C-6	SL703	B-5
IC401	F-7		
IC402	F-7	TH100	A-3
IC403	G-6		
IC404	F-6	TP105	B-1
IC405	F-6	TP106	B-1
IC406	G-6	TP107	A-5
IC407	G-6	TP108	A-5
IC500	G-6	TP109	B-2
IC506	E-6	TP110	A-4
IC510	F-4	TP111	A-3
IC700	B-5	TP402	F-6
IC701	E-6	TP701	B-5
IC702	B-6		
IC703	E-6		
IC704	A-7		
IC705	A-7		
IC706	A-6		
PS101	B-7		
PS102	B-7		
✱Q103	B-4		
✱Q104	B-4		
✱Q115	A-1		
✱Q116	C-2		
✱Q118	A-1		
✱Q119	C-3		
✱Q120	A-2		
✱Q121	C-3		
✱Q122	A-1		
✱Q123	C-3		
✱Q124	A-2		
✱Q125	C-3		
✱Q133	A-3		
Q404	F-6		

✱ : B SIDE

LOT NO. E-7



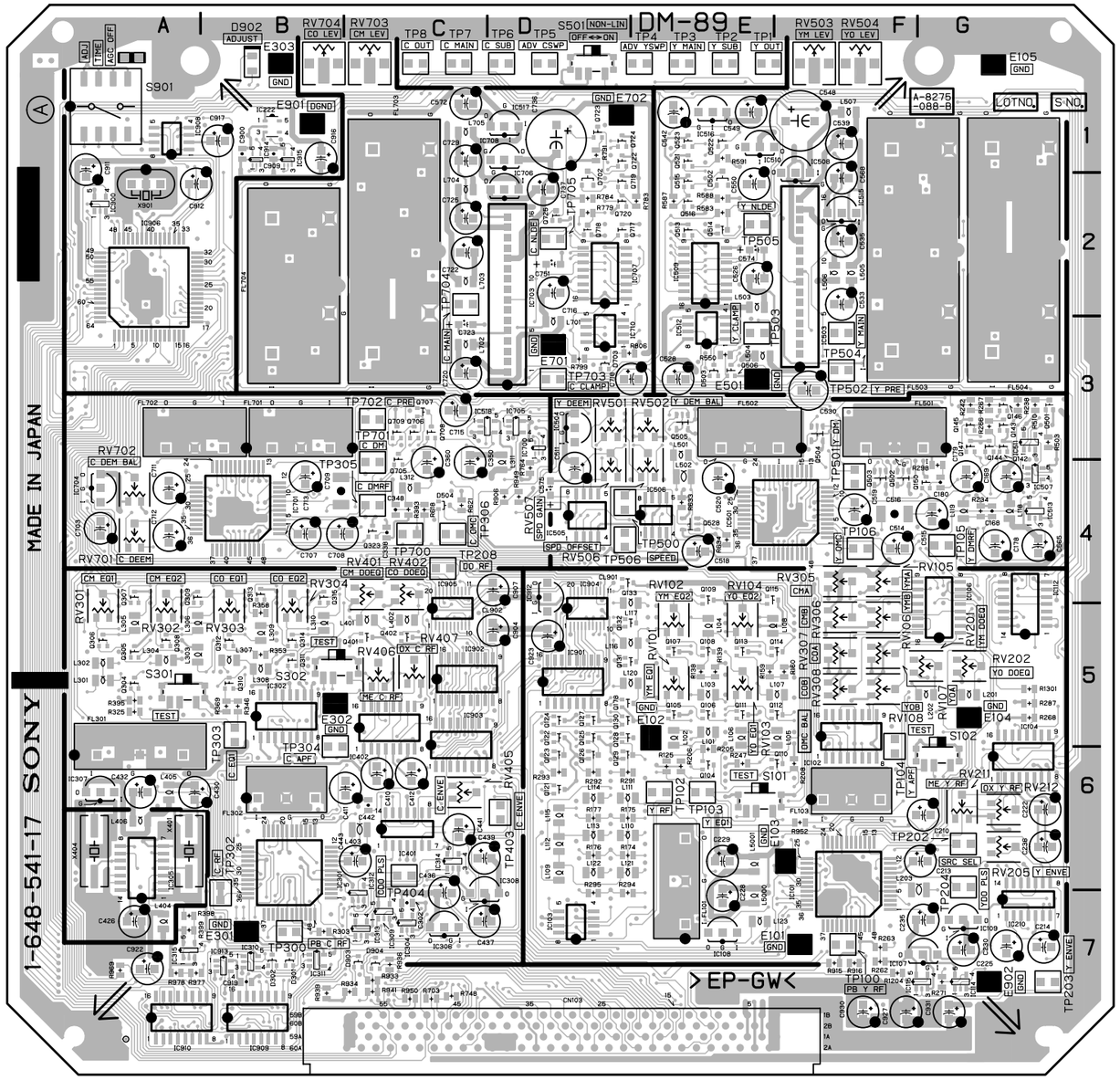
CUE-1BA BOARD -B SIDE-

1-648-537-41 (LOT No. 307 - 402)

DVW-A510(J) ; CUE-1BA MCB
DVW-A510(UC) ; CUE-1BA MCB
DVW-A510P(EK) ; CUE-1BAP MCB
DVW-CA510(UC) ; CUE-1BA MCB
DVW-CA510P(EK) ; CUE-1BAP MCB

DM-89 ; RF demodulator for Betacam PB

(Board's Lot No. 803 and higher)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



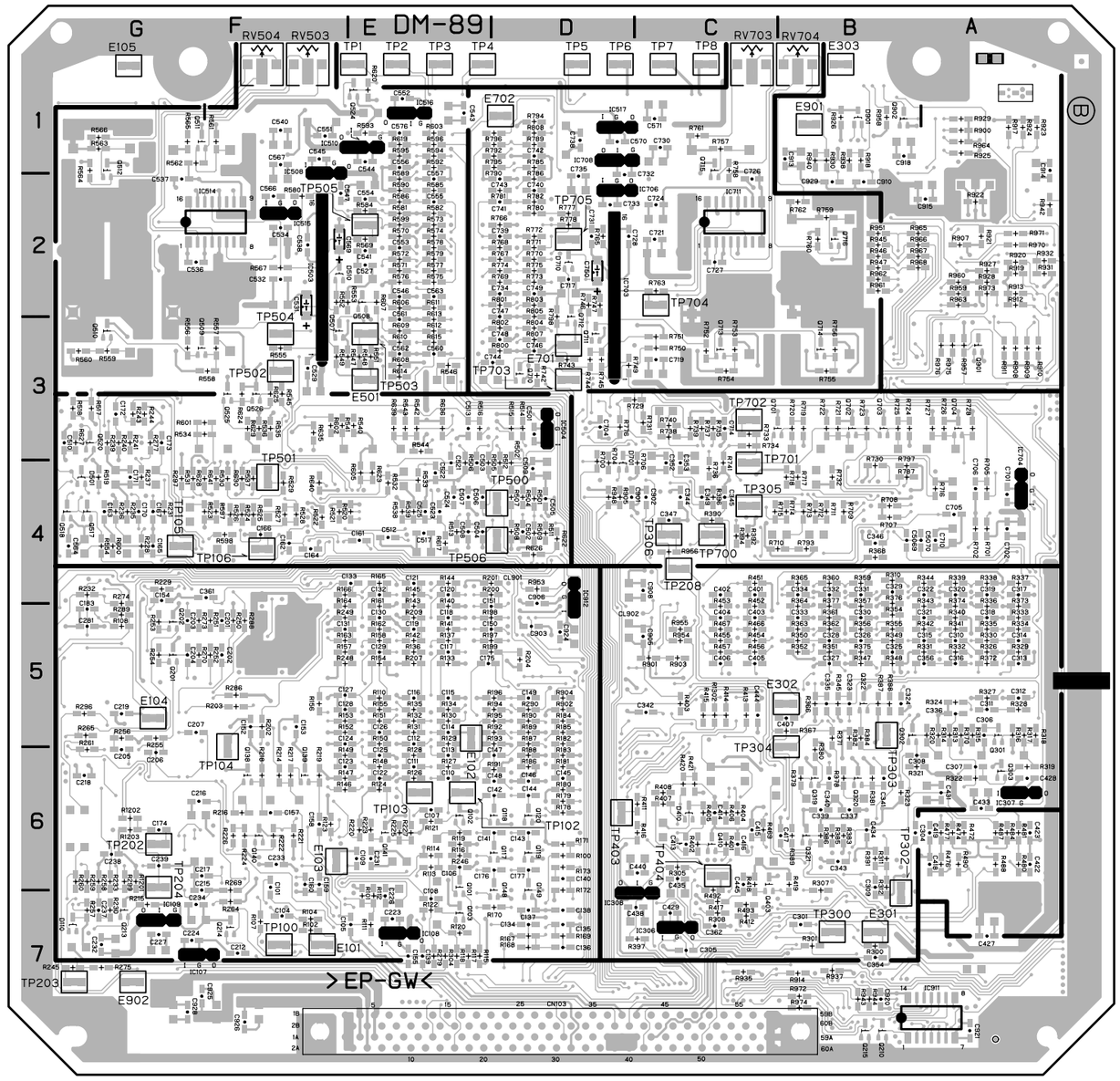
DM-89 BOARD -A SIDE-

1-648-541-17 (LOT No. 803 -)

DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A500P(UC)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(J)	; DM-89	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89 (1-648-541-17)

CN103	D7	IC518	C3	Q314	B5	RV503	F1
		IC700	D3	Q315	B4	RV504	F1
D110	*G8	IC701	B4	Q319	*B7	RV506	E4
D301	B7	IC703	D3	Q320	*B7	RV507	D4
D302	B7	IC704	A4	Q321	*B7	RV701	A4
D410	*C7	IC705	D3	Q322	*B6	RV702	A4
D501	*G4	IC706	D2	Q323	C4	RV703	C1
D502	E2	IC707	D2	Q401	C5	RV704	B1
D503	E3	IC708	D1	Q402	C5		
D504	C4	IC710	D3	Q403	*C7	S101	E6
D510	*F2	IC711	*C2	Q410	*C7	S102	G6
D701	*D4	IC900	A2	Q501	G3	S301	A5
D702	D2	IC901	D5	Q502	F4	S302	B5
D703	D3	IC902	C5	Q503	F4	S501	D1
D710	*D2	IC903	C6	Q504	F3	S901	A1
D901	*B1	IC904	D5	Q505	E3		
D902	B1	IC905	C5	Q506	E3	TP1	E1
D903	C7	IC906	A2	Q507	*F3	TP2	E1
D904	C7	IC908	A1	Q508	*E2	TP3	E1
		IC909	B7	Q509	*G3	TP4	E1
E101	F7	IC910	A7	Q510	*G3	TP5	D1
E102	E5	IC911	*B8	Q511	*G1	TP6	D1
E103	F6	IC912	D4	Q512	*G1	TP7	C1
E104	G5	IC913	B7	Q513	E2	TP8	C1
E105	G1	IC914	B1	Q514	E2	TP100	F7
E301	B7	IC915	B1	Q515	E2	TP102	E6
E302	B5			Q516	E2	TP103	E6
E303	B1	Q101	*E7	Q517	*G4	TP104	F5
E501	E3	Q102	*E7	Q518	*G4	TP105	G4
E701	D3	Q103	*E8	Q520	*G3	TP106	F4
E702	D1	Q104	E6	Q521	E1	TP202	G6
E901	B1	Q105	E5	Q522	E1	TP203	G7
E902	G7	Q106	E5	Q523	E1	TP204	G6
		Q107	E5	Q524	*E1	TP208	C4
FL101	E6	Q108	E5	Q525	*F3	TP300	B7
FL103	F6	Q109	E4	Q526	*F3	TP302	B7
FL301	A6	Q110	F6	Q528	E4	TP303	B5
FL302	B6	Q111	E5	Q701	*B3	TP304	B5
FL501	F3	Q112	F5	Q702	*B3	TP305	C4
FL502	E3	Q113	E5	Q703	*B3	TP306	C4
FL503	F2	Q114	F5	Q704	*A3	TP403	D6
FL504	G2	Q115	E4	Q705	C3	TP404	C6
FL701	B3	Q117	*D7	Q706	C3	TP500	D4
FL702	A3	Q118	*D7	Q707	C3	TP501	F4
FL703	C2	Q119	*D7	Q708	C3	TP502	F3
FL704	B2	Q120	*D7	Q709	C3	TP503	E3
		Q121	D6	Q710	*D3	TP504	F3
IC101	F6	Q122	D5	Q711	*D3	TP505	E2
IC102	F6	Q123	D6	Q712	*D2	TP506	D4
IC103	D7	Q124	D5	Q713	*C3	TP700	C4
IC104	G6	Q125	D5	Q714	*B3	TP701	C4
IC106	G5	Q126	D6	Q715	*C1	TP702	C3
IC107	G7	Q127	D5	Q716	*B2	TP703	D3
IC108	E7	Q128	D5	Q717	D2	TP704	C2
IC109	G7	Q129	D6	Q718	D2	TP705	D2
IC112	G5	Q130	D5	Q719	D2		
IC114	G7	Q131	D5	Q720	D2	X401	A6
IC115	G7	Q132	D5	Q722	D1	X404	A6
IC210	G7	Q133	D4	Q723	D1	X901	A2
IC222	B1	Q138	*F7	Q724	D1		
IC301	B6	Q139	*F7	Q725	D2	*:B SIDE	
IC302	B5	Q140	*F7	Q901	*A3		
IC304	C7	Q141	*E7	Q902	*B1		
IC305	A6	Q142	G3				
IC306	C7	Q143	G3	RV101	E5		
IC307	A6	Q144	G3	RV102	E5		
IC308	C7	Q145	G3	RV103	E5		
IC309	C7	Q146	G3	RV104	E5		
IC310	B7	Q147	G3	RV105	F4		
IC311	B7	Q148	*D7	RV106	F5		
IC312	C7	Q149	*D7	RV107	F5		
IC313	C7	Q150	G4	RV108	F5		
IC314	C6	Q178	D5	RV201	G5		
IC315	A7	Q201	*G6	RV202	G5		
IC401	C6	Q202	*G6	RV205	G6		
IC402	C6	Q210	*B8	RV211	G6		
IC501	F4	Q213	*G8	RV212	G6		
IC503	F3	Q214	*F8	RV301	A5		
IC504	D3	Q215	*B8	RV302	A5		
IC505	D4	Q301	*A6	RV303	B5		
IC506	E4	Q302	*B6	RV304	B5		
IC507	G4	Q303	*A7	RV305	F4		
IC508	F1	Q304	A5	RV306	F5		
IC509	E2	Q305	A5	RV307	F5		
IC510	E1	Q306	A5	RV308	F5		
IC511	G3	Q307	A4	RV401	C4		
IC512	E3	Q308	A5	RV402	C4		
IC513	G4	Q309	A4	RV405	C6		
IC514	*G2	Q310	B5	RV406	C5		
IC515	F2	Q311	B5	RV407	C5		
IC516	E1	Q312	B5	RV501	D3		
IC517	D1	Q313	B4	RV502	E3		



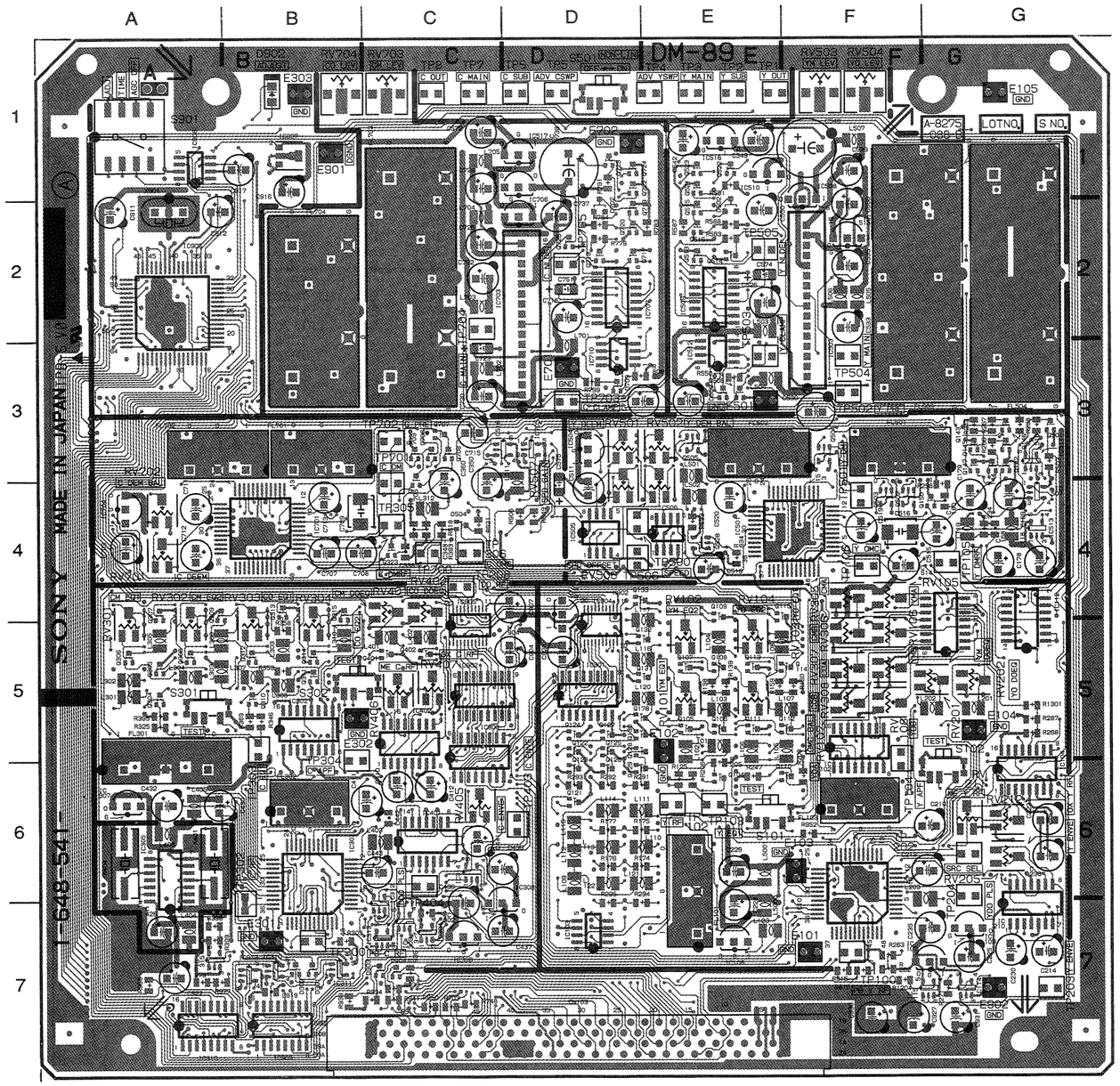
DM-89 BOARD -B SIDE-

1-648-541-17 (LOT No. 803 -)

DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A500P(UC)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(J)	; DM-89	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89 ; RF demodulator for Betacam PB

(Board's Lot No. 509 through 802)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



DM-89 BOARD -A SIDE-

1-648-541-15 (LOT No. 509 - 603)
1-648-541-16 (LOT No. 605 - 802)

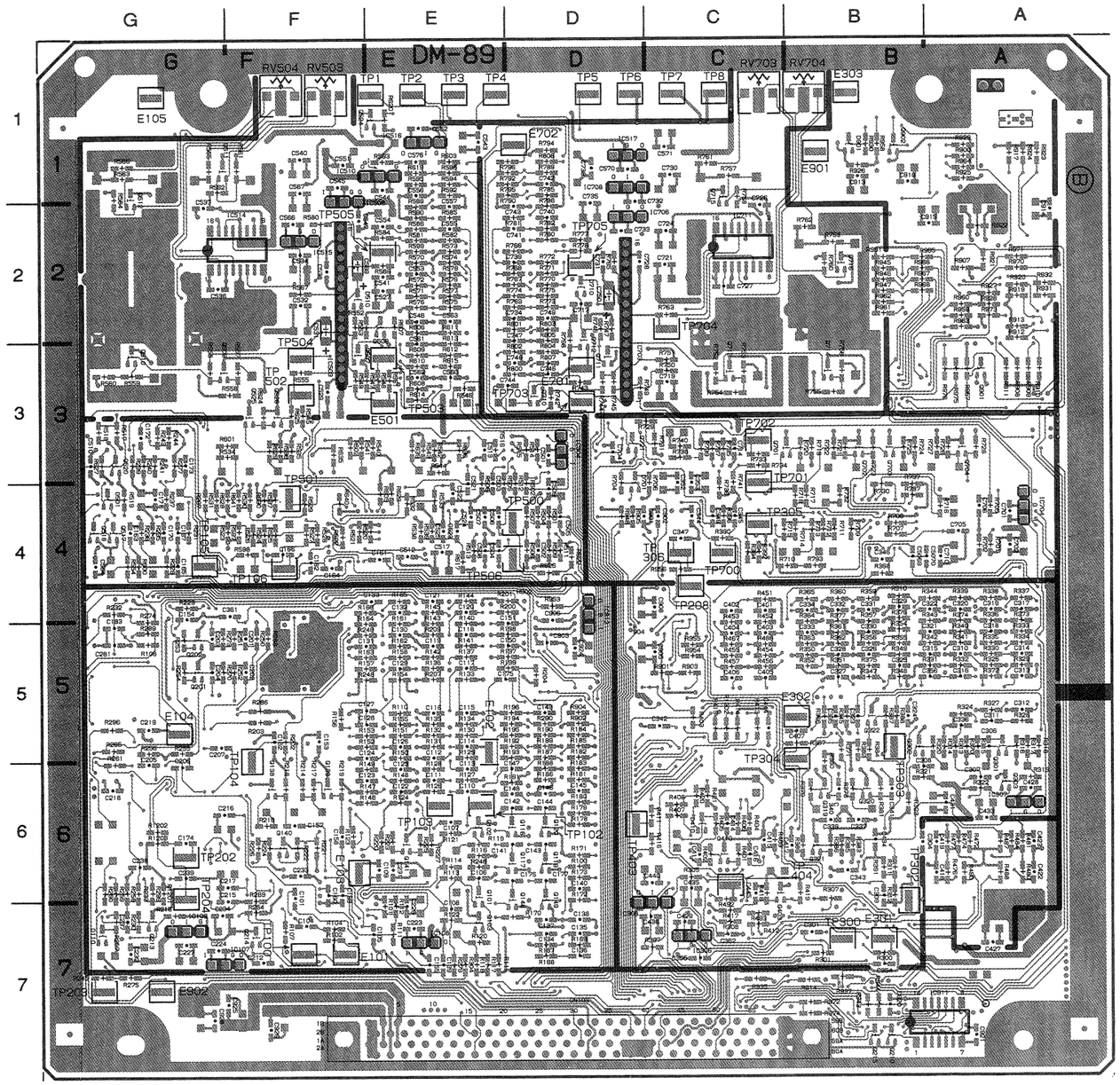
DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A500P(UC)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(J)	; DM-89	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89(1-648-541-15,16)

CN103	D-7	IC503	F-3	Q143	G-3	✱Q712	D-2	TP203	G-7
		IC504	D-3	Q144	G-3	✱Q713	C-3	TP204	G-6
✱D110	G-7	IC505	D-4	Q145	G-3	✱Q714	B-3	TP208	C-4
D301	B-7	IC506	E-4	Q146	G-3	✱Q715	C-1	TP300	B-7
D302	B-7	IC507	G-4	Q147	G-3	✱Q716	B-2	TP302	B-7
✱D410	C-6	IC508	F-2	✱Q148	D-6	Q717	D-2	TP303	B-5
✱D501	G-4	IC509	E-2	✱Q149	D-6	Q718	D-2	TP304	B-5
D502	E-2	IC510	E-1	Q150	G-4	Q719	D-2	TP305	C-4
D503	E-3	IC511	G-3	Q178	D-5	Q720	D-2	TP306	C-4
D504	C-4	IC512	E-3	✱Q201	G-5	✱Q721	D-3	TP403	D-6
✱D510	F-2	IC513	G-4	✱Q202	G-5	Q722	D-1	TP404	C-6
✱D701	D-4	✱IC514	G-2	✱Q210	B-7	Q723	D-1	TP500	D-4
D702	D-2	IC515	F-2	✱Q213	G-7	Q724	D-1	TP501	F-4
D703	D-3	IC516	E-1	✱Q214	F-7	Q725	D-2	TP502	F-3
✱D710	D-2	IC517	D-1	✱Q215	B-7	✱Q901	A-3	TP503	E-3
✱D901	B-1	IC518	C-3	✱Q301	A-5	✱Q902	B-1	TP504	F-3
D902	B-1	IC701	B-4	✱Q302	B-5			TP505	E-2
D903	C-7	IC703	D-3	✱Q303	A-6	RV101	E-5	TP506	D-4
D904	C-7	IC704	A-4	Q304	A-5	RV102	E-5	TP700	C-4
		IC705	D-3	Q305	A-5	RV103	E-5	TP701	C-4
E101	F-7	IC706	D-2	Q306	A-5	RV104	E-5	TP702	C-3
E102	E-5	IC707	D-2	Q307	A-4	RV105	F-4	TP703	D-3
E103	F-6	IC708	D-1	Q308	A-5	RV106	F-5	TP704	C-2
E104	G-5	IC710	D-3	Q309	A-4	RV107	F-5	TP705	D-2
E105	G-1	✱IC711	C-2	Q310	B-5	RV108	F-5		
E301	B-7	IC901	D-5	Q311	B-5	RV201	G-5	X401	A-6
E302	B-5	IC902	C-5	Q312	B-5	RV202	G-5	X404	A-6
E303	B-1	IC903	C-6	Q313	B-4	RV205	G-6	X901	A-2
E501	E-3	IC904	D-5	Q314	B-5	RV211	G-6		
E701	D-3	IC905	C-5	Q315	B-4	RV212	G-6		
E702	D-1	IC906	A-2	✱Q319	B-6	RV301	A-5		
E901	B-1	IC907	B-1	✱Q320	B-6	RV302	A-5		
E902	G-7	IC908	A-1	✱Q321	B-6	RV303	B-5		
		IC909	B-7	✱Q322	B-5	RV304	B-5		
FL101	E-7	IC910	A-7	Q323	C-4	RV305	F-4		
FL103	F-6	✱IC911	B-7	Q401	C-5	RV306	F-5		
FL301	A-6	IC912	D-4	Q402	C-5	RV307	F-5		
FL302	B-6	IC913	B-7	✱Q403	C-6	RV308	F-5		
FL501	F-3			✱Q410	C-6	RV401	C-4		
FL502	E-3	✱Q101	E-6	Q501	G-3	RV402	C-4		
FL503	F-3	✱Q102	E-6	Q502	F-4	RV405	C-6		
FL504	G-3	✱Q103	E-7	Q503	F-4	RV406	C-5		
FL701	B-3	Q104	E-6	Q504	F-3	RV407	C-5		
FL702	A-3	Q105	E-5	Q505	E-3	RV501	D-3		
FL703	C-1	Q106	E-5	Q506	E-3	RV502	E-3		
FL704	B-2	Q107	E-5	✱Q507	F-3	RV503	F-1		
		Q108	E-5	✱Q508	E-2	RV504	F-1		
IC101	F-6	Q109	E-4	✱Q509	G-3	RV506	E-4		
IC102	F-6	Q110	F-6	✱Q510	G-3	RV507	D-4		
IC103	D-7	Q111	E-5	✱Q511	G-1	RV701	A-4		
IC104	G-6	Q112	F-5	✱Q512	G-1	RV702	A-4		
IC106	G-5	Q113	E-5	Q513	E-2	RV703	C-1		
IC107	F-7	Q114	F-5	Q514	E-2	RV704	B-1		
IC108	E-7	Q115	E-4	Q515	E-2				
IC109	G-7	✱Q117	D-6	Q516	E-2	S101	E-6		
IC112	G-5	✱Q118	D-6	✱Q517	G-4	S102	G-6		
IC114	G-7	✱Q119	D-6	✱Q518	G-4	S301	A-5		
IC115	F-7	✱Q120	D-6	✱Q520	G-3	S302	B-5		
IC210	G-7	Q121	D-6	Q521	E-1	S501	D-1		
IC301	B-6	Q122	D-5	Q522	E-1	S901	A-1		
IC302	B-5	Q123	D-6	Q523	E-1				
IC304	C-7	Q124	D-5	✱Q524	E-1	TP1	E-1		
IC305	A-6	Q125	D-5	✱Q525	F-3	TP2	E-1		
IC306	C-7	Q126	D-6	✱Q526	F-3	TP3	E-1		
IC307	A-6	Q127	D-5	Q528	E-4	TP4	E-1		
IC308	C-7	Q128	D-5	✱Q701	B-3	TP5	D-1		
IC309	C-7	Q129	D-6	✱Q702	B-3	TP6	D-1		
IC310	B-7	Q130	D-5	✱Q703	B-3	TP7	C-1		
IC311	B-7	Q131	D-5	✱Q704	A-3	TP8	C-1		
IC312	C-7	Q132	D-5	Q705	C-4	TP100	F-7		
IC313	C-7	Q133	D-4	Q706	C-3	TP102	E-6		
IC314	C-6	✱Q138	F-6	Q707	C-3	TP103	E-6		
IC315	A-7	✱Q139	F-6	Q708	C-3	TP104	F-5		
IC401	C-6	✱Q140	F-6	Q709	C-3	TP105	G-4		
IC402	C-5	✱Q141	E-6	✱Q710	D-3	TP106	F-4		
IC501	F-4	Q142	G-3	✱Q711	D-3	TP202	G-6		

✱ : B SIDE

LOT NO. G-1



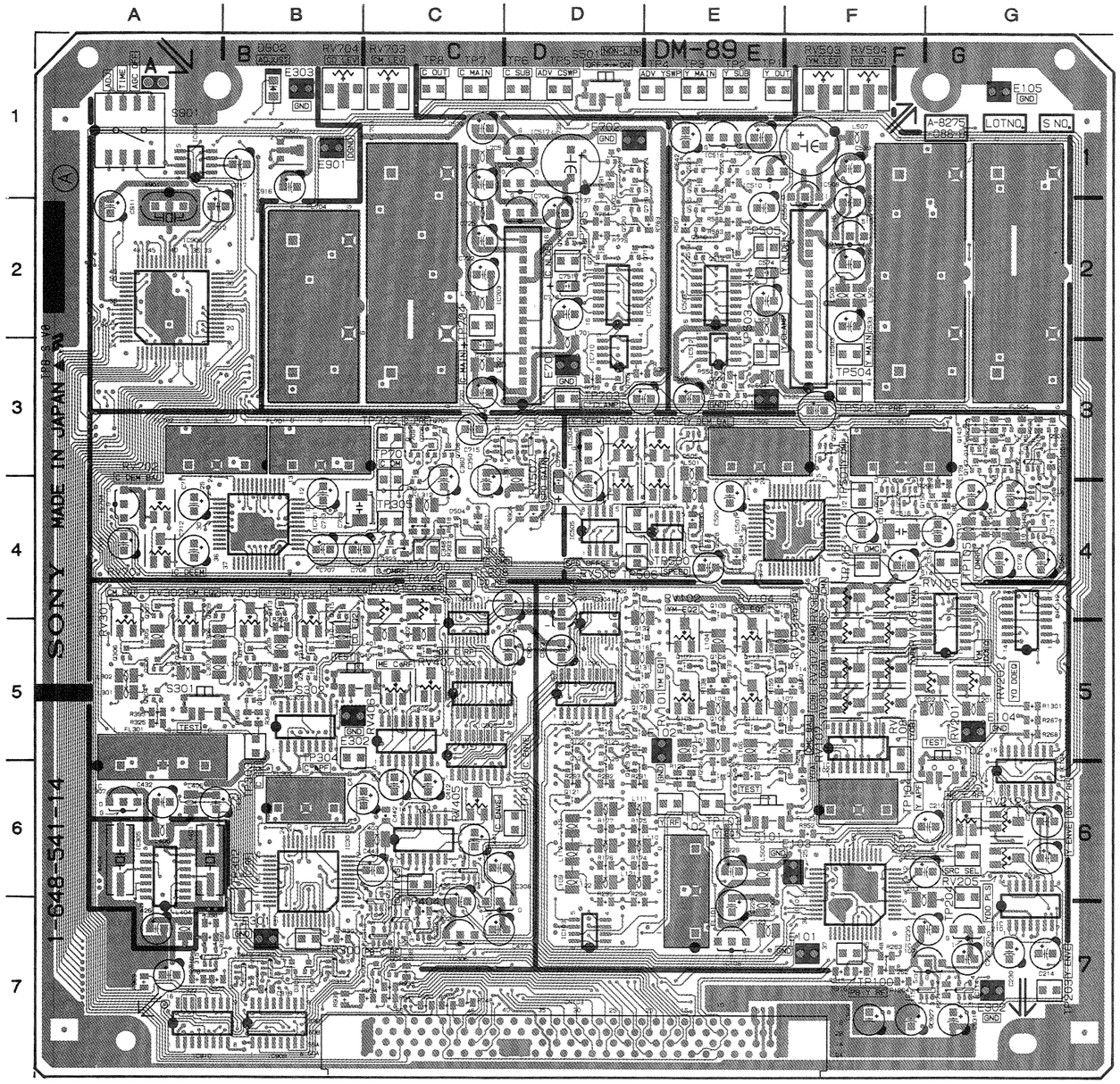
DM-89 BOARD -B SIDE-

1-648-541-15 (LOT No. 509 - 603)
1-648-541-16 (LOT No. 605 - 802)

DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A500P(UC)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(J)	; DM-89	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89 ; RF demodulator for Betacam PB

(Board's Lot No. 503 through 508)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)

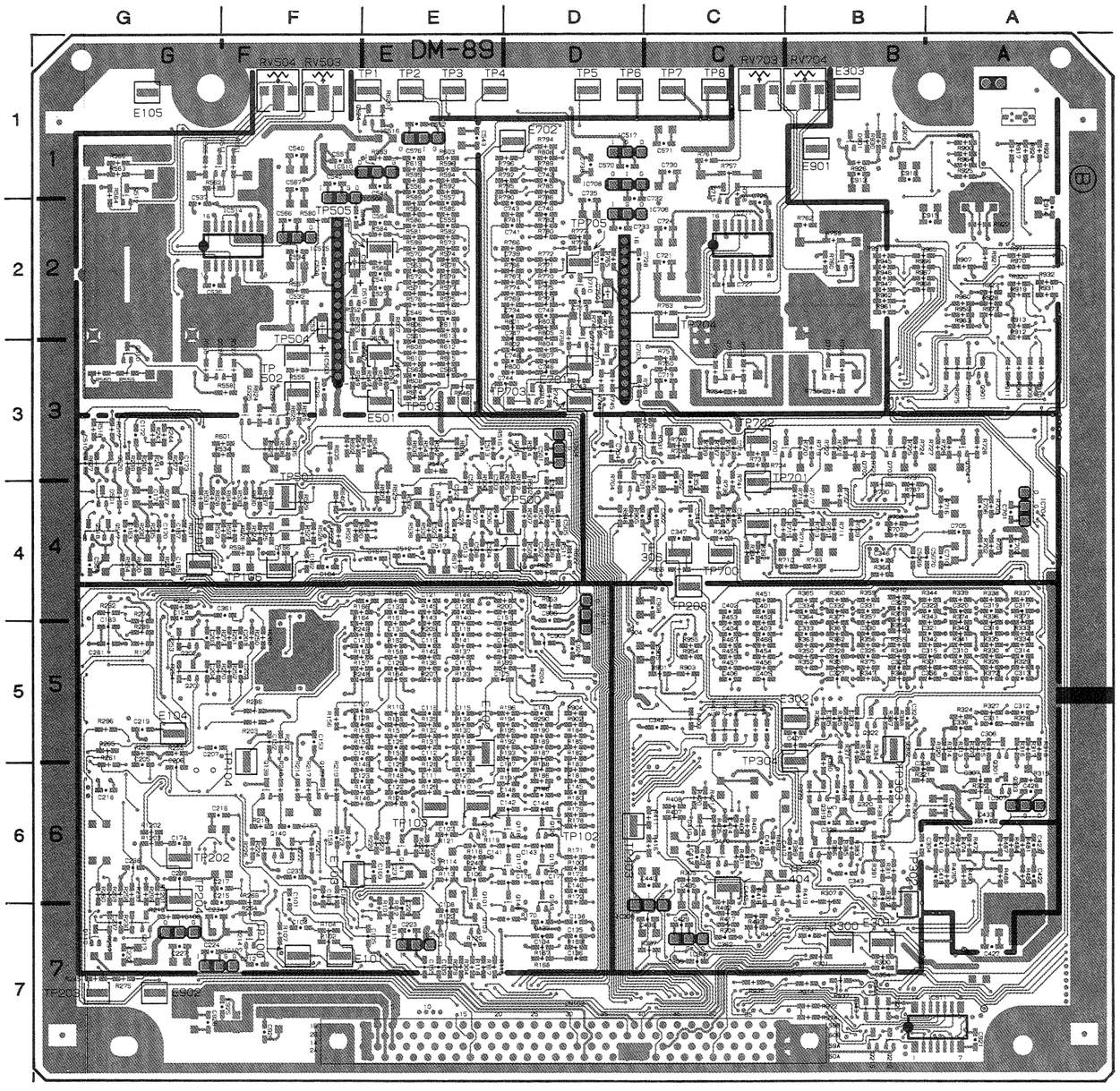


DM-89(1-648-541-14)

CN103	D-7	IC503	F-3	Q143	G-3	✱Q712	D-2	TP203	G-7
		IC504	D-3	Q144	G-3	✱Q713	C-3	TP204	G-6
✱D110	G-7	IC505	D-4	Q145	G-3	✱Q714	B-3	TP208	C-4
D301	B-7	IC506	E-4	Q146	G-3	✱Q715	C-1	TP300	B-7
D302	B-7	IC507	G-4	Q147	G-3	✱Q716	B-2	TP302	B-7
✱D410	C-6	IC508	F-2	✱Q148	D-6	Q717	D-2	TP303	B-5
✱D501	G-4	IC509	E-2	✱Q149	D-6	Q718	D-2	TP304	B-5
D502	E-2	IC510	E-1	Q150	G-4	Q719	D-2	TP305	C-4
D503	E-3	IC511	G-3	Q178	D-5	Q720	D-2	TP306	C-4
D504	C-4	IC512	E-3	✱Q201	G-5	✱Q721	D-3	TP403	D-6
✱D510	F-2	IC513	G-4	✱Q202	G-5	Q722	D-1	TP404	C-6
✱D701	D-4	✱IC514	G-2	✱Q210	B-7	Q723	D-1	TP500	D-4
D702	D-2	IC515	F-2	✱Q213	G-7	Q724	D-1	TP501	F-4
D703	D-3	IC516	E-1	✱Q214	F-7	Q725	D-2	TP502	F-3
✱D710	D-2	IC517	D-1	✱Q215	B-7	✱Q901	A-3	TP503	E-3
✱D901	B-1	IC518	C-3	✱Q301	A-5	✱Q902	B-1	TP504	F-3
D902	B-1	IC701	B-4	✱Q302	B-5			TP505	E-2
D903	C-7	IC703	D-3	✱Q303	A-6	RV101	E-5	TP506	D-4
D904	C-7	IC704	A-4	Q304	A-5	RV102	E-5	TP700	C-4
		IC705	D-3	Q305	A-5	RV103	E-5	TP701	C-4
E101	F-7	IC706	D-2	Q306	A-5	RV104	E-5	TP702	C-3
E102	E-5	IC707	D-2	Q307	A-4	RV105	F-4	TP703	D-3
E103	F-6	IC708	D-1	Q308	A-5	RV106	F-5	TP704	C-2
E104	G-5	IC710	D-3	Q309	A-4	RV107	F-5	TP705	D-2
E105	G-1	✱IC711	C-2	Q310	B-5	RV108	F-5		
E301	B-7	IC901	D-5	Q311	B-5	RV201	G-5	X401	A-6
E302	B-5	IC902	C-5	Q312	B-5	RV202	G-5	X404	A-6
E303	B-1	IC903	C-6	Q313	B-4	RV205	G-6	X901	A-2
E501	E-3	IC904	D-5	Q314	B-5	RV211	G-6		
E701	D-3	IC905	C-5	Q315	B-4	RV212	G-6		
E702	D-1	IC906	A-2	✱Q319	B-6	RV301	A-5		
E901	B-1	IC907	B-1	✱Q320	B-6	RV302	A-5		
E902	G-7	IC908	A-1	✱Q321	B-6	RV303	B-5		
		IC909	B-7	✱Q322	B-5	RV304	B-5		
FL101	E-7	IC910	A-7	Q323	C-4	RV305	F-4		
FL103	F-6	✱IC911	B-7	Q401	C-5	RV306	F-5		
FL301	A-6	IC912	D-4	Q402	C-5	RV307	F-5		
FL302	B-6	IC913	B-7	✱Q403	C-6	RV308	F-5		
FL501	F-3			✱Q410	C-6	RV401	C-4		
FL502	E-3	✱Q101	E-6	Q501	G-3	RV402	C-4		
FL503	F-3	✱Q102	E-6	Q502	F-4	RV405	C-6		
FL504	G-3	✱Q103	E-7	Q503	F-4	RV406	C-5		
FL701	B-3	Q104	E-6	Q504	F-3	RV407	C-5		
FL702	A-3	Q105	E-5	Q505	E-3	RV501	D-3		
FL703	C-1	Q106	E-5	Q506	E-3	RV502	E-3		
FL704	B-2	Q107	E-5	✱Q507	F-3	RV503	F-1		
		Q108	E-5	✱Q508	E-2	RV504	F-1		
IC101	F-6	Q109	E-4	✱Q509	G-3	RV506	E-4		
IC102	F-6	Q110	F-6	✱Q510	G-3	RV507	D-4		
IC103	D-7	Q111	E-5	✱Q511	G-1	RV701	A-4		
IC104	G-6	Q112	F-5	✱Q512	G-1	RV702	A-4		
IC106	G-5	Q113	E-5	Q513	E-2	RV703	C-1		
IC107	F-7	Q114	F-5	Q514	E-2	RV704	B-1		
IC108	E-7	Q115	E-4	Q515	E-2				
IC109	G-7	✱Q117	D-6	Q516	E-2	S101	E-6		
IC112	G-5	✱Q118	D-6	✱Q517	G-4	S102	G-6		
IC114	G-7	✱Q119	D-6	✱Q518	G-4	S301	A-5		
IC115	F-7	✱Q120	D-6	✱Q520	G-3	S302	B-5		
IC210	G-7	Q121	D-6	Q521	E-1	S501	D-1		
IC301	B-6	Q122	D-5	Q522	E-1	S901	A-1		
IC302	B-5	Q123	D-6	Q523	E-1				
IC304	C-7	Q124	D-5	✱Q524	E-1	TP1	E-1		
IC305	A-6	Q125	D-5	✱Q525	F-3	TP2	E-1		
IC306	C-7	Q126	D-6	✱Q526	F-3	TP3	E-1		
IC307	A-6	Q127	D-5	Q528	E-4	TP4	E-1		
IC308	C-7	Q128	D-5	✱Q701	B-3	TP5	D-1		
IC309	C-7	Q129	D-6	✱Q702	B-3	TP6	D-1		
IC310	B-7	Q130	D-5	✱Q703	B-3	TP7	C-1		
IC311	B-7	Q131	D-5	✱Q704	A-3	TP8	C-1		
IC312	C-7	Q132	D-5	Q705	C-4	TP100	F-7		
IC313	C-7	Q133	D-4	Q706	C-3	TP102	E-6		
IC314	C-6	✱Q138	F-6	Q707	C-3	TP103	E-6		
IC315	A-7	✱Q139	F-6	Q708	C-3	TP104	F-5		
IC401	C-6	✱Q140	F-6	Q709	C-3	TP105	G-4		
IC402	C-5	✱Q141	E-6	✱Q710	D-3	TP106	F-4		
IC501	F-4	Q142	G-3	✱Q711	D-3	TP202	G-6		

✱ : B SIDE

LOT NO. G-1



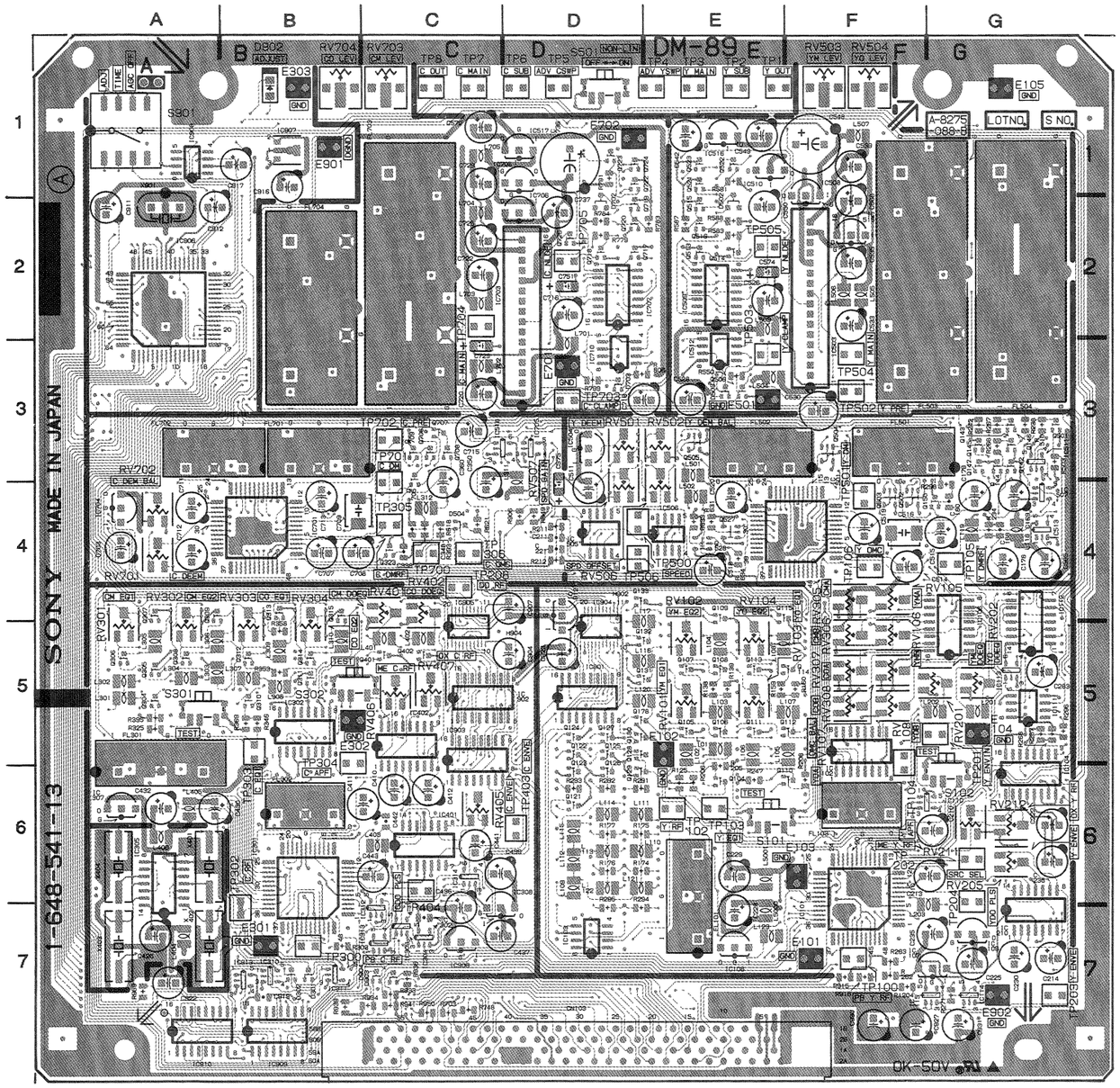
DM-89 BOARD -B SIDE-

1-648-541-14 (LOT No. 503 - 508)

DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A500P(UC)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(J)	; DM-89	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89 ; RF demodulator for Betacam PB

(Board's Lot No. 403 through 502)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



DM-89 BOARD -A SIDE-

1-648-541-13 (LOT No. 403 - 502)

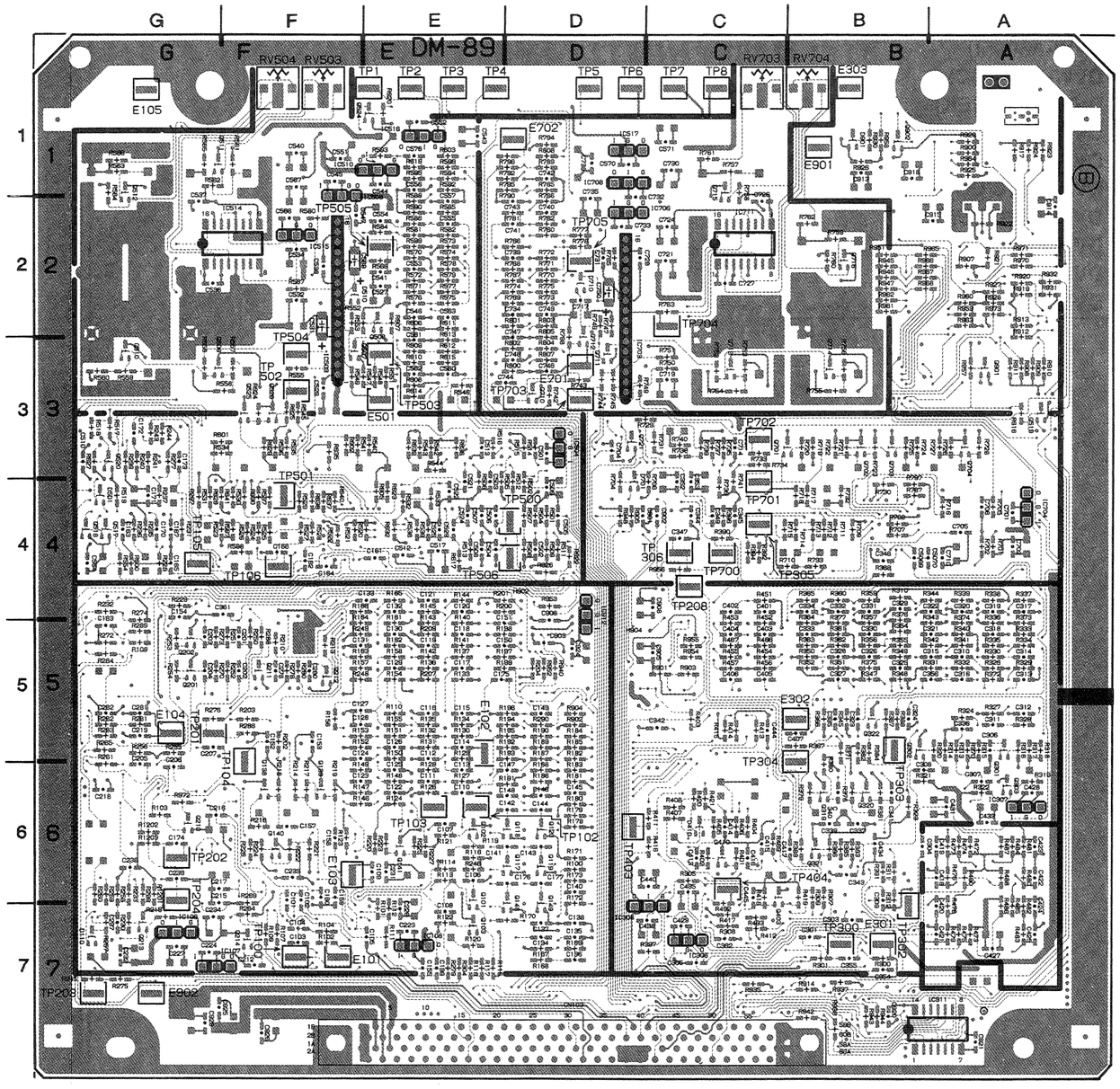
DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A500P(UC)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89(1-648-541-13)

CN103	D-7	IC402	C-5	✱Q141	E-6	Q707	C-3	TP103	E-6
		IC501	F-4	Q142	G-3	Q708	C-3	TP104	F-5
✱D110	G-7	IC503	F-3	Q143	G-3	Q709	C-3	TP105	G-4
D301	B-7	IC504	D-3	Q144	G-3	✱Q710	D-3	TP106	F-4
D302	B-7	IC505	D-4	Q145	G-3	✱Q711	D-3	TP201	G-5
✱D410	C-6	IC506	E-4	Q146	G-3	✱Q712	D-2	TP202	G-6
✱D501	G-4	IC507	G-4	Q147	G-3	✱Q713	C-3	TP203	G-7
D502	E-2	IC508	F-2	✱Q148	D-6	✱Q714	B-3	TP204	G-6
D503	E-3	IC509	E-2	✱Q149	D-6	✱Q715	C-1	TP208	C-4
D504	C-4	IC510	E-1	Q150	G-4	✱Q716	B-2	TP300	B-7
✱D510	F-2	IC511	G-3	Q178	D-5	Q717	D-2	TP302	B-7
✱D701	D-4	IC512	E-3	✱Q201	G-5	Q718	D-2	TP303	B-5
D702	D-2	IC513	G-4	✱Q202	G-5	Q719	D-2	TP304	B-5
D703	D-3	✱IC514	G-2	✱Q210	G-6	Q720	D-2	TP305	C-4
✱D710	D-2	IC515	F-2	✱Q211	F-5	✱Q721	D-3	TP306	C-4
✱D901	B-1	IC516	E-1	✱Q212	F-5	Q722	D-1	TP403	D-6
D902	B-1	IC517	D-1	✱Q213	G-7	Q723	D-1	TP404	C-6
D903	C-7	IC518	C-3	✱Q214	F-7	Q724	D-1	TP500	D-4
D904	C-7	IC701	B-4	✱Q301	A-5	Q725	D-2	TP501	F-4
		IC703	D-3	✱Q302	B-5	✱Q901	A-3	TP502	F-3
E101	F-7	IC704	A-4	✱Q303	A-6	✱Q902	B-1	TP503	E-3
E102	E-5	IC705	D-3	Q304	A-5			TP504	F-3
E103	F-6	IC706	D-2	Q305	A-5	RV101	E-5	TP505	E-2
E104	G-5	IC707	D-2	Q306	A-5	RV102	E-5	TP506	D-4
E105	G-1	IC708	D-1	Q307	A-4	RV103	E-5	TP700	C-4
E301	B-7	IC710	D-3	Q308	A-5	RV104	E-5	TP701	C-4
E302	B-5	✱IC711	C-2	Q309	A-4	RV105	F-4	TP702	C-3
E303	B-1	IC901	D-5	Q310	B-5	RV106	F-5	TP703	D-3
E501	E-3	IC902	C-5	Q311	B-5	RV107	F-5	TP704	C-2
E701	D-3	IC903	C-6	Q312	B-5	RV108	F-5	TP705	D-2
E702	D-1	IC904	D-5	Q313	B-4	RV201	G-5		
E901	B-1	IC905	C-5	Q314	B-5	RV202	G-5	X401	A-6
E902	G-7	IC906	A-2	Q315	B-4	RV205	G-6	X402	A-7
		IC907	B-1	✱Q319	B-6	RV211	G-6	X403	A-7
FL101	E-7	IC908	A-1	✱Q320	B-6	RV212	G-6	X404	A-6
FL103	F-6	IC909	B-7	✱Q321	B-6	RV301	A-5	X901	A-2
FL301	A-6	IC910	A-7	✱Q322	B-5	RV302	A-5		
FL302	B-6	✱IC911	B-7	Q323	C-4	RV303	B-5		
FL501	F-3	IC912	D-4	Q401	C-5	RV304	B-5		
FL502	E-3	IC913	B-7	Q402	C-5	RV305	F-4		
FL503	F-3			✱Q403	C-6	RV306	F-5		
FL504	G-3	✱Q101	E-6	✱Q410	C-6	RV307	F-5		
FL701	B-3	✱Q102	E-6	Q501	G-3	RV308	F-5		
FL702	A-3	✱Q103	E-7	Q502	F-4	RV401	C-4		
FL703	C-1	Q104	E-6	Q503	F-4	RV402	C-4		
FL704	B-2	Q105	E-5	Q504	F-3	RV405	C-6		
		Q106	E-5	Q505	E-3	RV406	C-5		
IC101	F-6	Q107	E-5	Q506	E-3	RV407	C-5		
IC102	F-6	Q108	E-5	✱Q507	F-3	RV501	D-3		
IC103	D-7	Q109	E-4	✱Q508	E-2	RV502	E-3		
IC104	G-6	Q110	F-6	✱Q509	G-3	RV503	F-1		
IC106	G-5	Q111	E-5	✱Q510	G-3	RV504	F-1		
IC107	F-7	Q112	F-5	✱Q511	G-1	RV506	E-4		
IC108	E-7	Q113	E-5	✱Q512	G-1	RV507	D-4		
IC109	G-7	Q114	F-5	Q513	E-2	RV701	A-4		
IC110	G-6	Q115	E-4	Q514	E-2	RV702	A-4		
IC111	G-5	✱Q117	D-6	Q515	E-2	RV703	C-1		
IC112	G-5	✱Q118	D-6	Q516	E-2	RV704	B-1		
IC113	G-5	✱Q119	D-6	✱Q517	G-4				
IC114	G-7	✱Q120	D-6	✱Q518	G-4	S101	E-6		
IC115	F-7	Q121	D-6	✱Q519	A-3	S102	G-6		
IC210	G-7	Q122	D-5	✱Q520	G-3	S301	A-5		
IC301	B-6	Q123	D-6	Q521	E-1	S302	B-5		
IC302	B-5	Q124	D-5	Q522	E-1	S501	D-1		
IC304	C-7	Q125	D-5	Q523	E-1	S901	A-1		
IC305	A-6	Q126	D-6	✱Q524	E-1				
IC306	C-7	Q127	D-5	✱Q525	F-3	TP1	E-1		
IC307	A-6	Q128	D-5	✱Q526	F-3	TP2	E-1		
IC308	C-7	Q129	D-6	Q527	E-4	TP3	E-1		
IC309	C-7	Q130	D-5	Q528	E-4	TP4	E-1		
IC310	B-7	Q131	D-5	✱Q701	B-3	TP5	D-1		
IC311	B-7	Q132	D-5	✱Q702	B-3	TP6	D-1		
IC312	C-7	Q133	D-4	✱Q703	B-3	TP7	C-1		
IC313	C-7	✱Q138	F-6	✱Q704	A-3	TP8	C-1		
IC314	C-6	✱Q139	F-6	Q705	C-4	TP100	F-7		
IC401	C-6	✱Q140	F-6	Q706	C-3	TP102	E-6		

✱ : B SIDE

LOT NO. G-1



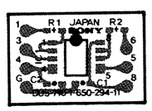
DM-89 BOARD -B SIDE-

1-648-541-13 (LOT No. 403 - 502)

DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A500P(UC)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

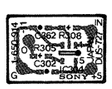
DM-89 ; RF demodulator for Betacam PB
DUS-710/727

(Board's Lot No. 305 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



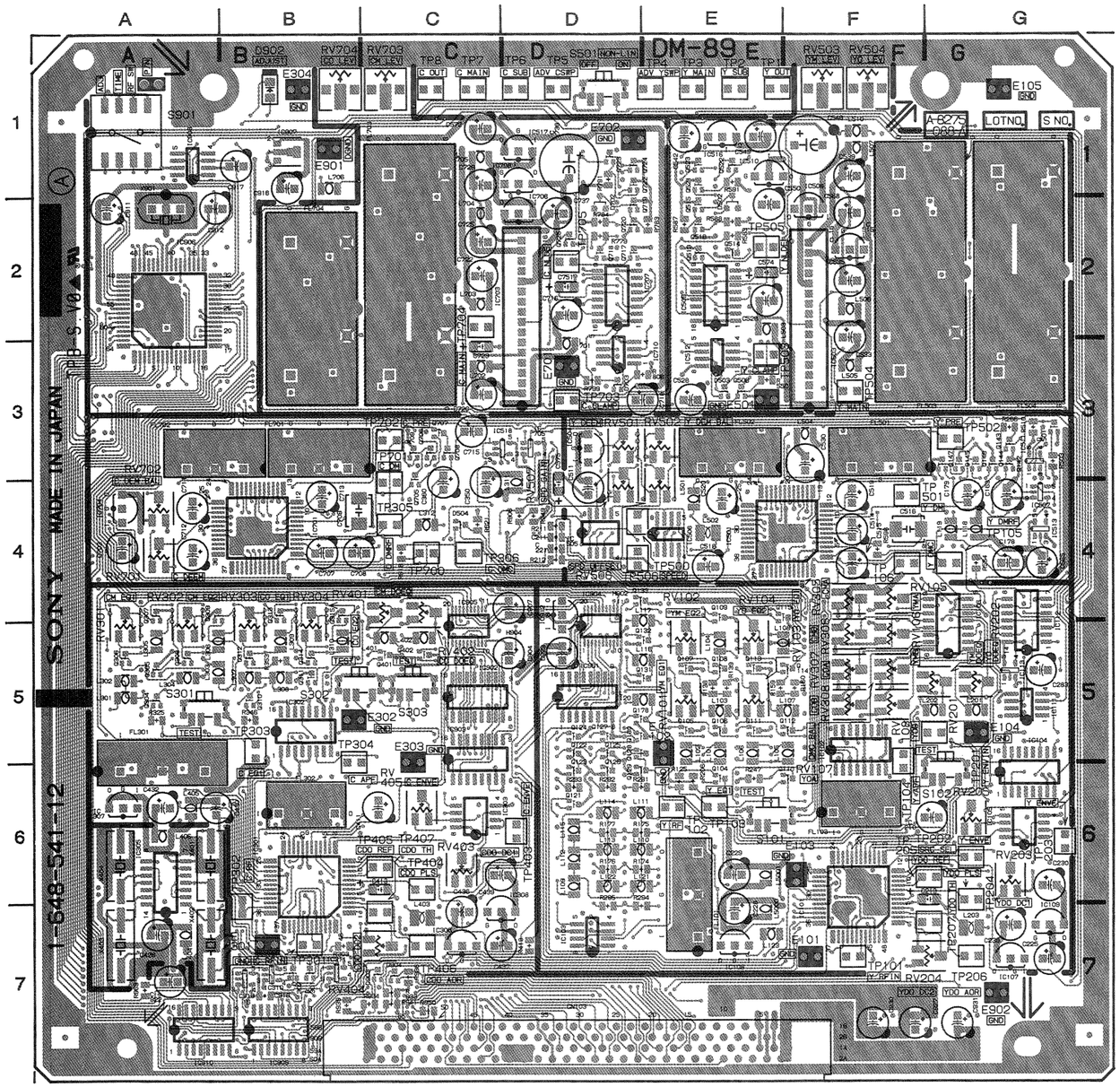
DUS-710 BOARD -A SIDE-

1-650-294-11



DUS-727 BOARD -A SIDE-

1-650-914-11



DM-89 BOARD -A SIDE-

1-648-541-12 (LOT No. 305 - 402)

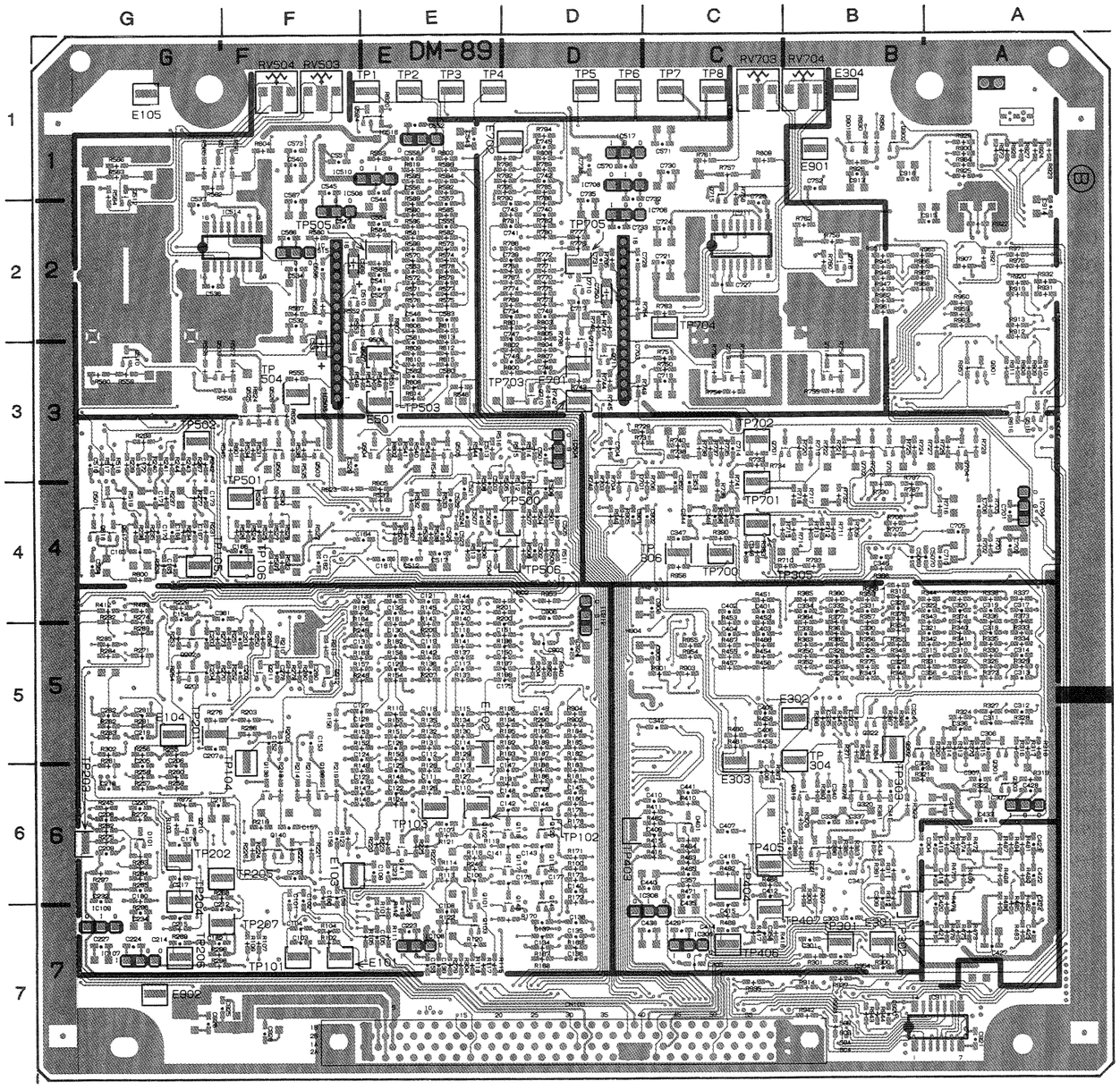
DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89(1-648-541-12)

CN103	D-7	IC509	E-2	✱Q149	D-6	Q725	D-2	TP403	D-6
		IC510	E-1	Q178	D-5	✱Q901	A-3	TP404	C-6
✱D101	G-6	IC511	G-3	✱Q201	G-5	✱Q902	B-1	TP405	C-6
D301	B-7	IC512	E-3	✱Q202	G-5			TP406	C-7
D302	B-7	IC513	G-4	✱Q210	G-6	RV101	E-5	TP407	C-7
✱D401	C-6	✱IC514	G-2	✱Q211	F-5	RV102	E-5	TP500	D-4
✱D501	G-4	IC515	F-2	✱Q212	F-5	RV103	E-5	TP501	F-4
D502	E-2	IC516	E-1	✱Q301	A-5	RV104	E-5	TP502	G-3
D503	E-3	IC517	D-1	✱Q302	B-5	RV105	F-4	TP503	E-3
D504	C-4	IC518	C-3	✱Q303	A-6	RV106	F-5	TP504	F-3
✱D510	F-2	IC701	B-4	Q304	A-5	RV107	F-5	TP505	E-2
✱D701	D-4	IC703	D-3	Q305	A-5	RV108	F-5	TP506	D-4
D702	D-2	IC704	A-4	Q306	A-5	RV201	G-5	TP700	C-4
D703	D-3	IC705	D-3	Q307	A-4	RV202	G-5	TP701	C-4
✱D710	D-2	IC706	D-2	Q308	A-5	RV203	G-6	TP702	C-3
✱D901	B-1	IC707	D-2	Q309	A-4	RV204	G-7	TP703	D-3
D902	B-1	IC708	D-1	Q310	B-5	RV205	G-6	TP704	C-2
D903	C-7	IC710	D-3	Q311	B-5	RV301	A-5	TP705	D-2
D904	C-7	✱IC711	C-2	Q312	B-5	RV302	A-5		
		IC901	D-5	Q313	B-4	RV303	B-5	X401	A-6
E101	F-7	IC902	C-5	Q314	B-5	RV304	B-5	X402	A-7
E102	E-5	IC903	C-6	Q315	B-4	RV305	F-4	X403	A-7
E103	F-6	IC904	D-5	✱Q319	B-6	RV306	F-5	X404	A-6
E104	G-5	IC905	C-5	✱Q320	B-6	RV307	F-5	X901	A-2
E105	G-1	IC906	A-2	✱Q321	B-6	RV308	F-5		
E301	B-7	IC907	B-1	✱Q322	B-5	RV401	C-4		
E302	B-5	IC908	A-1	Q401	C-5	RV402	C-4		
E303	C-5	IC909	B-7	Q402	C-5	RV403	C-6		
E304	B-1	IC910	A-7	Q501	G-3	RV404	C-7		
E501	E-3	✱IC911	B-7	✱Q502	F-3	RV405	C-6		
E701	D-3	IC912	D-4	✱Q503	F-3	RV501	D-3		
E702	D-1	IC913	B-7	✱Q504	E-3	RV502	E-3		
E901	B-1			✱Q505	E-3	RV503	F-1		
E902	G-7	✱Q101	E-6	Q506	E-3	RV504	F-1		
		✱Q102	E-6	✱Q507	F-3	RV506	E-4		
FL101	E-7	✱Q103	E-7	✱Q508	E-2	RV507	D-4		
FL103	F-6	Q104	E-6	✱Q509	G-3	RV701	A-4		
FL301	A-6	Q105	E-5	✱Q510	G-3	RV702	A-4		
FL302	B-6	Q106	E-5	✱Q511	G-1	RV703	C-1		
FL501	F-3	Q107	E-5	✱Q512	G-1	RV704	B-1		
FL502	E-3	Q108	E-5	Q513	E-2				
FL503	F-3	Q109	E-4	Q514	E-2	S101	E-6		
FL504	G-3	Q110	F-6	Q515	E-2	S102	G-6		
FL701	B-3	Q111	E-5	Q516	E-2	S301	A-5		
FL702	A-3	Q112	F-5	✱Q517	G-4	S302	B-5		
FL703	C-1	Q113	E-5	✱Q518	G-4	S303	C-5		
FL704	B-2	Q114	F-5	✱Q519	A-3	S501	D-1		
		Q115	E-4	Q521	E-1	S901	A-1		
IC101	F-6	✱Q117	D-6	Q522	E-1				
IC102	F-6	✱Q118	D-6	Q523	E-1	TP1	E-1		
IC103	D-7	✱Q119	D-6	✱Q524	E-1	TP2	E-1		
IC104	G-6	✱Q120	D-6	✱Q525	F-3	TP3	E-1		
IC105	G-6	Q121	D-6	✱Q526	F-3	TP4	E-1		
IC106	G-4	Q122	D-5	✱Q701	B-3	TP5	D-1		
IC107	G-7	Q123	D-6	✱Q702	B-3	TP6	D-1		
IC108	E-7	Q124	D-5	✱Q703	B-3	TP7	C-1		
IC109	G-7	Q125	D-5	✱Q704	A-3	TP8	C-1		
IC111	G-5	Q126	D-6	Q705	C-3	TP101	F-7		
IC112	G-5	Q127	D-5	Q706	C-3	TP102	E-6		
IC113	G-5	Q128	D-5	Q707	C-3	TP103	E-6		
IC301	B-6	Q129	D-6	Q708	C-3	TP104	F-5		
IC302	B-5	Q130	D-5	Q709	C-3	TP105	G-4		
IC303	C-6	Q131	D-5	✱Q710	D-3	TP106	F-4		
IC305	A-6	Q132	D-5	✱Q711	D-3	TP201	G-5		
IC306	C-7	Q133	D-4	✱Q712	D-2	TP202	G-6		
IC307	A-6	✱Q138	F-6	✱Q713	C-3	TP203	G-6		
IC308	C-7	✱Q139	F-6	✱Q714	B-3	TP204	G-6		
IC310	B-7	✱Q140	F-6	✱Q715	C-1	TP205	G-6		
IC311	B-7	✱Q141	E-6	✱Q716	B-2	TP206	G-7		
IC501	F-4	Q142	G-3	Q717	D-2	TP207	G-7		
IC503	F-3	Q143	G-3	Q718	D-2	TP301	B-7		
IC504	D-3	Q144	G-3	Q719	D-2	TP302	B-7		
IC505	D-4	Q145	G-3	Q720	D-2	TP303	B-5		
IC506	E-4	Q146	G-3	Q722	D-1	TP304	B-5		
IC507	G-4	Q147	G-3	Q723	D-1	TP305	C-4		
IC508	F-2	✱Q148	D-6	Q724	D-1	TP306	C-4		

✱ : B SIDE

LOT NO. G-1



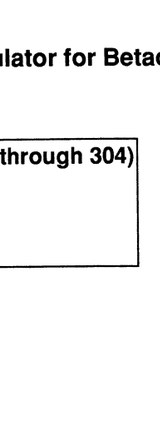
DM-89 BOARD -B SIDE-

1-648-541-12 (LOT No. 305 - 402)

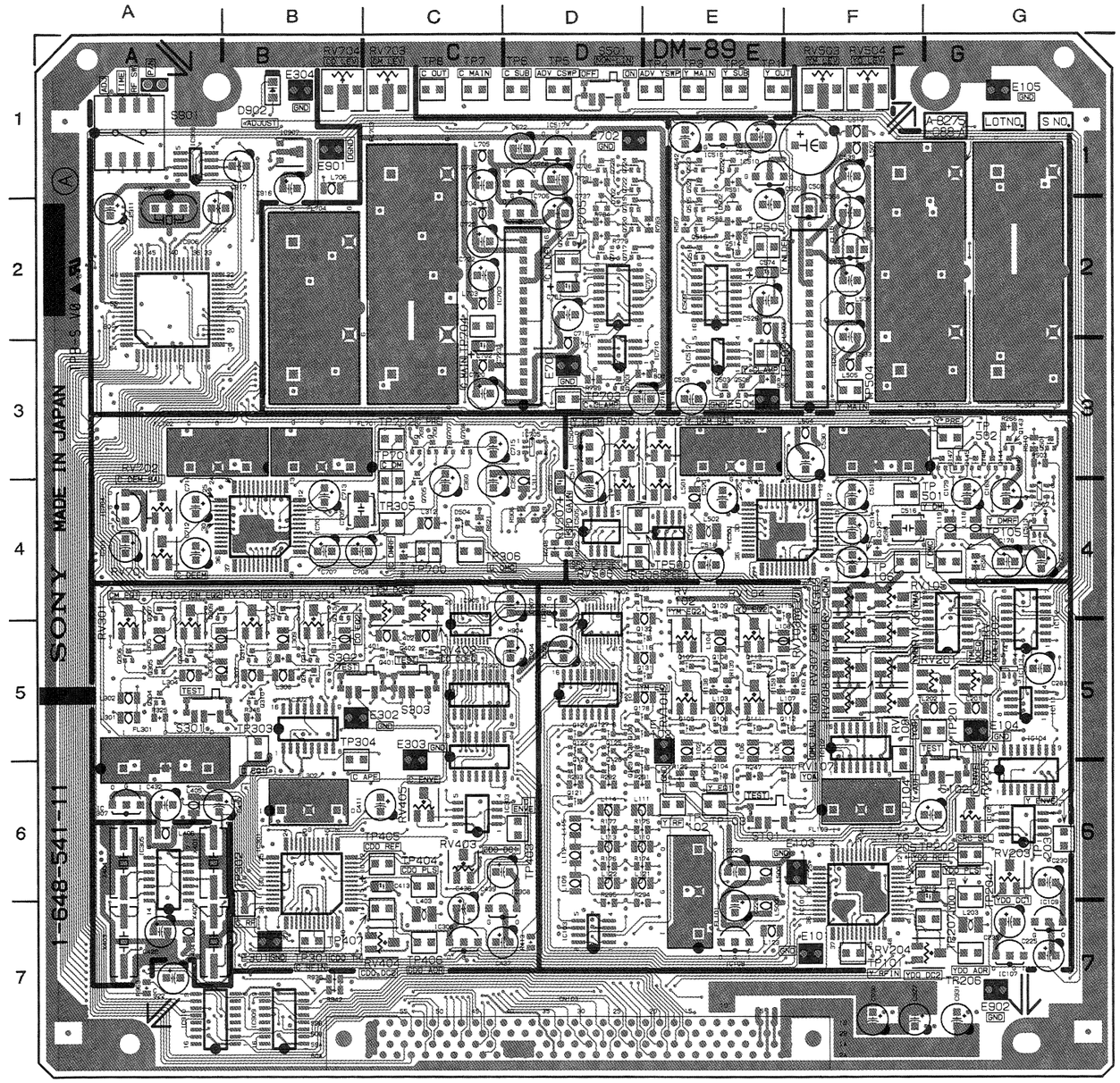
DVW-A500(J)	; DM-89	MCB
DVW-A500(UC)	; DM-89	MCB
DVW-A500P(EK)	; DM-89P	MCB
DVW-A510(J)	; DM-89	MCB
DVW-A510(UC)	; DM-89	MCB
DVW-A510P(EK)	; DM-89P	MCB
DVW-CA510(UC)	; DM-89	MCB
DVW-CA510P(EK)	; DM-89P	MCB

DM-89 ; RF demodulator for Betacam PB
DUS-710

(Board's Lot No. 302 through 304)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)



DUS-710 BOARD -A SIDE-
1-650-294-11



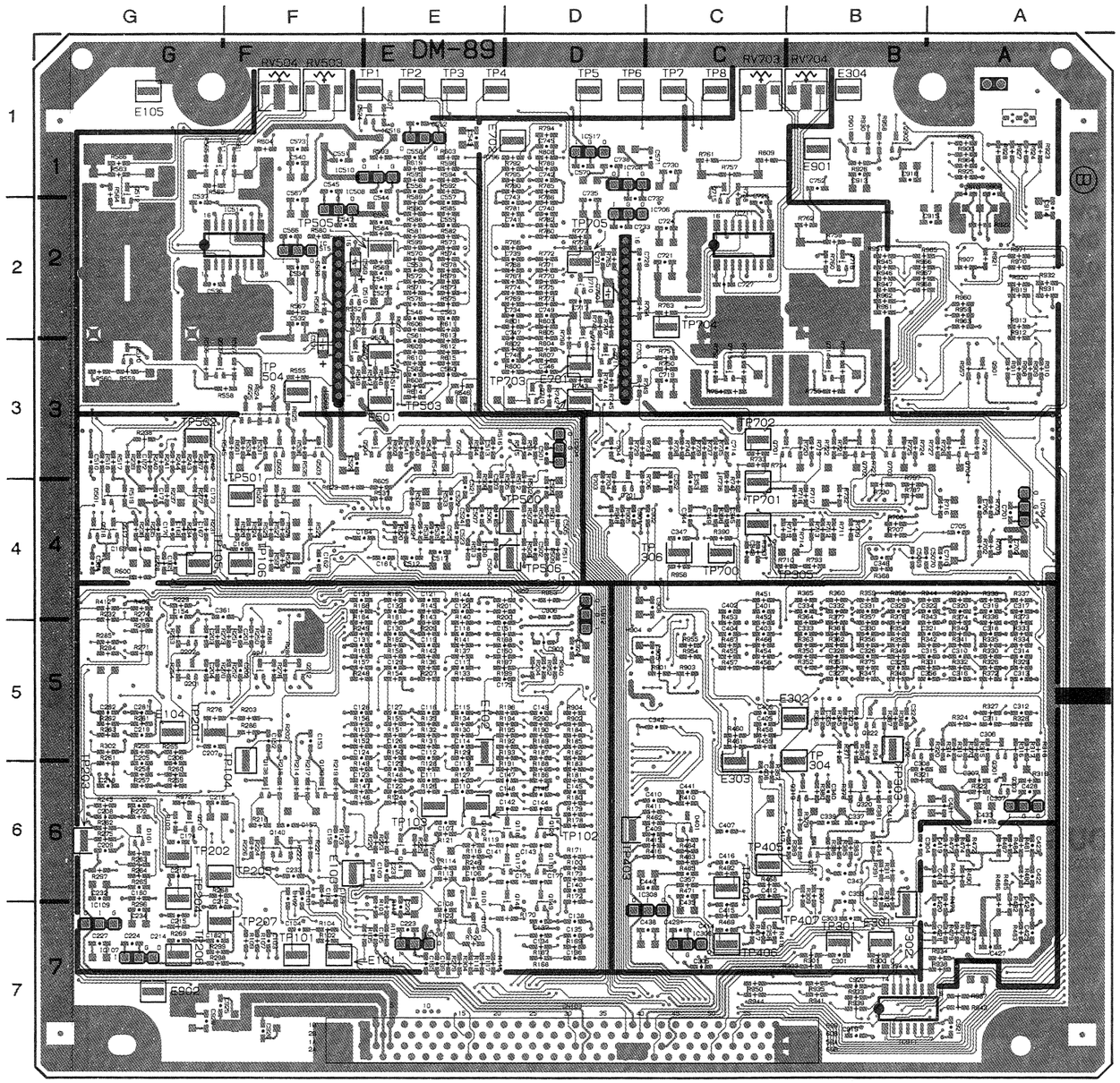
DM-89 BOARD -A SIDE-
1-648-541-11 (LOT No. 302 - 304)
DVW-A500(J) ; DM-89 MCB
DVW-A500(UC) ; DM-89 MCB
DVW-A500P(EK) ; DM-89P MCB

DM-89(1-648-541-11)

CN103	D-7	IC516	E-1	✱Q303	A-6	RV107	F-5	TP505	E-2
		IC517	D-1	Q304	A-5	RV108	F-5	TP506	D-4
✱D101	G-6	IC701	B-4	Q305	A-5	RV201	G-5	TP700	C-4
✱D401	C-6	IC703	D-3	Q306	A-5	RV202	G-5	TP701	C-4
✱D501	G-4	IC704	A-4	Q307	A-4	RV203	G-6	TP702	C-3
D502	E-2	IC705	D-3	Q308	A-5	RV204	G-7	TP703	D-3
D503	E-3	IC706	D-2	Q309	A-4	RV205	G-6	TP704	C-2
D504	C-4	IC707	D-2	Q310	B-5	RV301	A-5	TP705	D-2
✱D510	F-2	IC708	D-1	Q311	B-5	RV302	A-5		
✱D701	D-4	IC710	D-3	Q312	B-5	RV303	B-5	X401	A-6
D702	D-2	✱IC711	C-2	Q313	B-4	RV304	B-5	X402	A-7
D703	D-3	IC901	D-5	Q314	B-5	RV305	F-4	X403	A-7
✱D710	D-2	IC902	C-5	Q315	B-4	RV306	F-5	X404	A-6
✱D901	B-1	IC903	C-6	✱Q319	B-6	RV307	F-5	X901	A-2
D902	B-1	IC904	D-5	✱Q320	B-6	RV308	F-5		
		IC905	C-5	✱Q321	B-6	RV401	C-4		
E101	F-7	IC906	A-2	✱Q322	B-5	RV402	C-4		
E102	E-5	IC907	B-1	Q401	C-5	RV403	C-6		
E103	F-6	IC908	A-1	Q402	C-5	RV404	C-7		
E104	G-5	IC909	B-7	Q501	G-3	RV405	C-6		
E105	G-1	IC910	A-7	✱Q502	F-3	RV501	D-3		
E301	B-7	✱IC911	B-7	✱Q503	F-3	RV502	E-3		
E302	B-5	IC912	D-4	✱Q504	E-3	RV503	F-1		
E303	C-5			✱Q505	E-3	RV504	F-1		
E304	B-1	✱Q101	E-6	Q506	E-3	RV506	E-4		
E501	E-3	✱Q102	E-6	✱Q507	F-3	RV507	D-4		
E701	D-3	✱Q103	E-7	✱Q508	E-2	RV701	A-4		
E702	D-1	Q104	E-6	✱Q509	G-3	RV702	A-4		
E901	B-1	Q105	E-5	✱Q510	G-3	RV703	C-1		
E902	G-7	Q106	E-5	✱Q511	G-1	RV704	B-1		
		Q107	E-5	✱Q512	G-1				
FL101	E-7	Q108	E-5	Q513	E-2	S101	E-6		
FL103	F-6	Q109	E-4	Q514	E-2	S102	G-6		
FL301	A-6	Q110	F-6	Q515	E-2	S301	A-5		
FL302	B-6	Q111	E-5	Q516	E-2	S302	B-5		
FL501	F-3	Q112	F-5	✱Q517	G-4	S303	C-5		
FL502	E-3	Q113	E-5	✱Q518	G-4	S501	D-1		
FL503	F-3	Q114	F-5	Q521	E-1	S901	A-1		
FL504	G-3	Q115	E-4	Q522	E-1				
FL701	B-3	✱Q117	D-6	Q523	E-1	TP1	E-1		
FL702	A-3	✱Q118	D-6	✱Q524	E-1	TP2	E-1		
FL703	C-1	✱Q119	D-6	✱Q525	F-3	TP3	E-1		
FL704	B-2	✱Q120	D-6	✱Q526	F-3	TP4	E-1		
		Q121	D-6	✱Q701	B-3	TP5	D-1		
IC101	F-6	Q122	D-5	✱Q702	B-3	TP6	D-1		
IC102	F-6	Q123	D-6	✱Q703	B-3	TP7	C-1		
IC103	D-7	Q124	D-5	✱Q704	A-3	TP8	C-1		
IC104	G-6	Q125	D-5	Q705	C-3	TP101	F-7		
IC105	G-6	Q126	D-6	Q706	C-3	TP102	E-6		
IC106	G-5	Q127	D-5	Q707	C-3	TP103	E-6		
IC107	G-7	Q128	D-5	Q708	C-3	TP104	F-5		
IC108	E-7	Q129	D-6	Q709	C-3	TP105	G-4		
IC109	G-7	Q130	D-5	✱Q710	D-3	TP106	F-4		
IC111	G-5	Q131	D-5	✱Q711	D-3	TP201	G-5		
IC112	G-5	Q132	D-5	✱Q712	D-2	TP202	G-6		
IC113	G-5	Q133	D-4	✱Q713	C-3	TP203	G-6		
IC301	B-6	✱Q138	F-6	✱Q714	B-3	TP204	G-6		
IC302	B-5	✱Q139	F-6	✱Q715	C-1	TP205	G-6		
IC303	C-6	✱Q140	F-6	✱Q716	B-2	TP206	G-7		
IC305	A-6	✱Q141	E-6	Q717	D-2	TP207	G-7		
IC306	C-7	Q142	G-3	Q718	D-2	TP301	B-7		
IC307	A-6	Q143	G-3	Q719	D-2	TP302	B-7		
IC308	C-7	Q144	G-3	Q720	D-2	TP303	B-5		
IC501	F-4	Q145	G-3	Q722	D-1	TP304	B-5		
IC503	F-3	Q146	G-3	Q723	D-1	TP305	C-4		
IC504	D-3	Q147	G-3	Q724	D-1	TP306	C-4		
IC505	D-4	✱Q148	D-6	Q725	D-2	TP403	D-6		
IC506	E-4	✱Q149	D-6	✱Q901	A-3	TP404	C-6		
IC507	G-4	Q178	D-5	✱Q902	B-1	TP405	C-6		
IC508	F-2	✱Q201	G-5			TP406	C-7		
IC509	E-2	✱Q202	G-5	RV101	E-5	TP407	C-7		
IC510	E-1	✱Q210	G-6	RV102	E-5	TP500	D-4		
IC512	E-3	✱Q211	F-5	RV103	E-5	TP501	F-4		
IC513	G-4	✱Q212	F-5	RV104	E-5	TP502	G-3		
✱IC514	G-2	✱Q301	A-5	RV105	F-4	TP503	E-3		
IC515	F-2	✱Q302	B-5	RV106	F-5	TP504	F-3		

✱ : B SIDE

LOT NO. G-1



DM-89 BOARD -B SIDE-

1-648-541-11 (LOT No. 302 - 304)

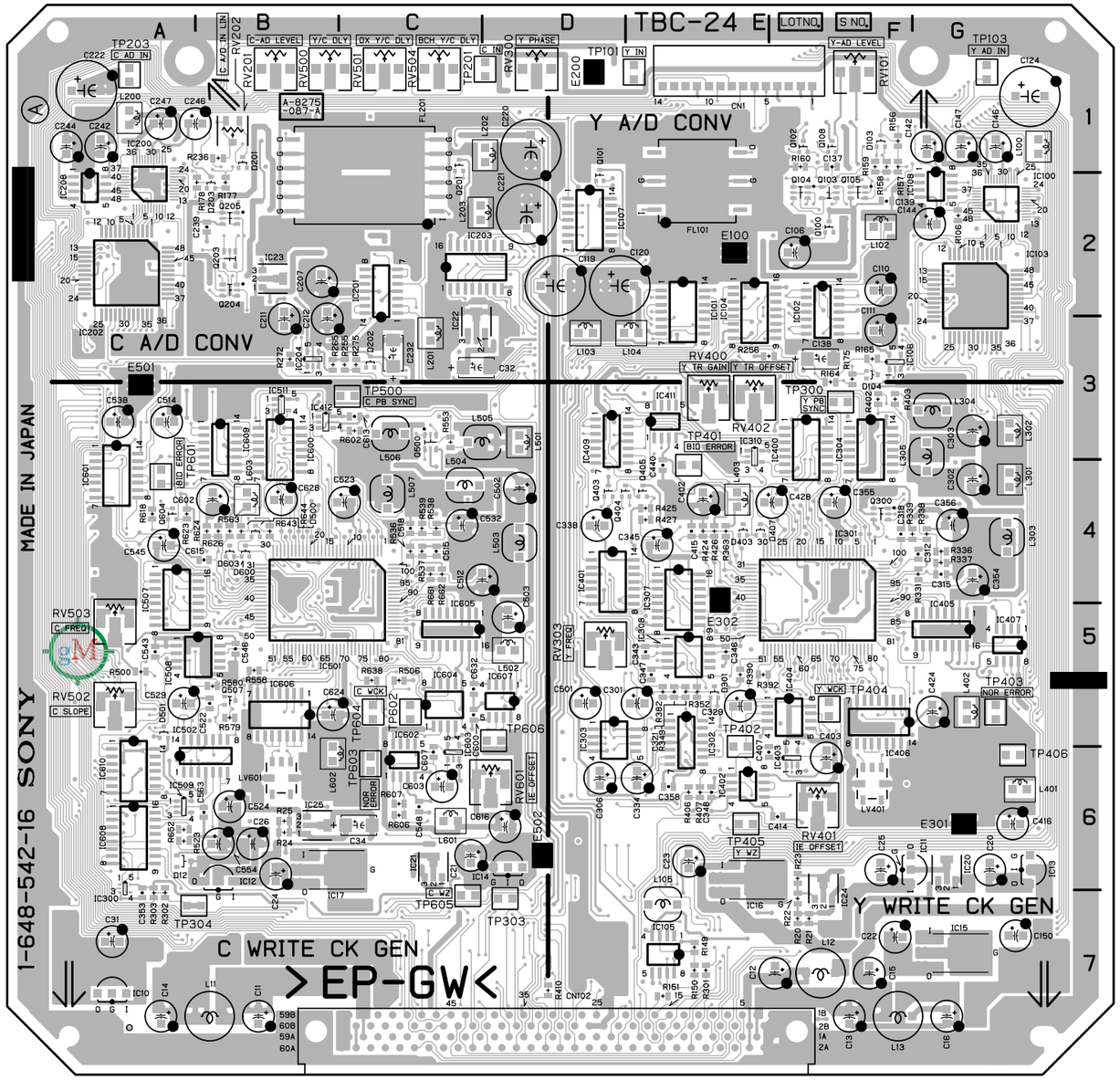
DVW-A500(J) ; DM-89 MCB

DVW-A500(UC) ; DM-89 MCB

DVW-A500P(EK) ; DM-89P MCB

TBC-24 ; TBC (A/D conversion & Write clock generate blocks)

(Board's Lot No. 803 and higher)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



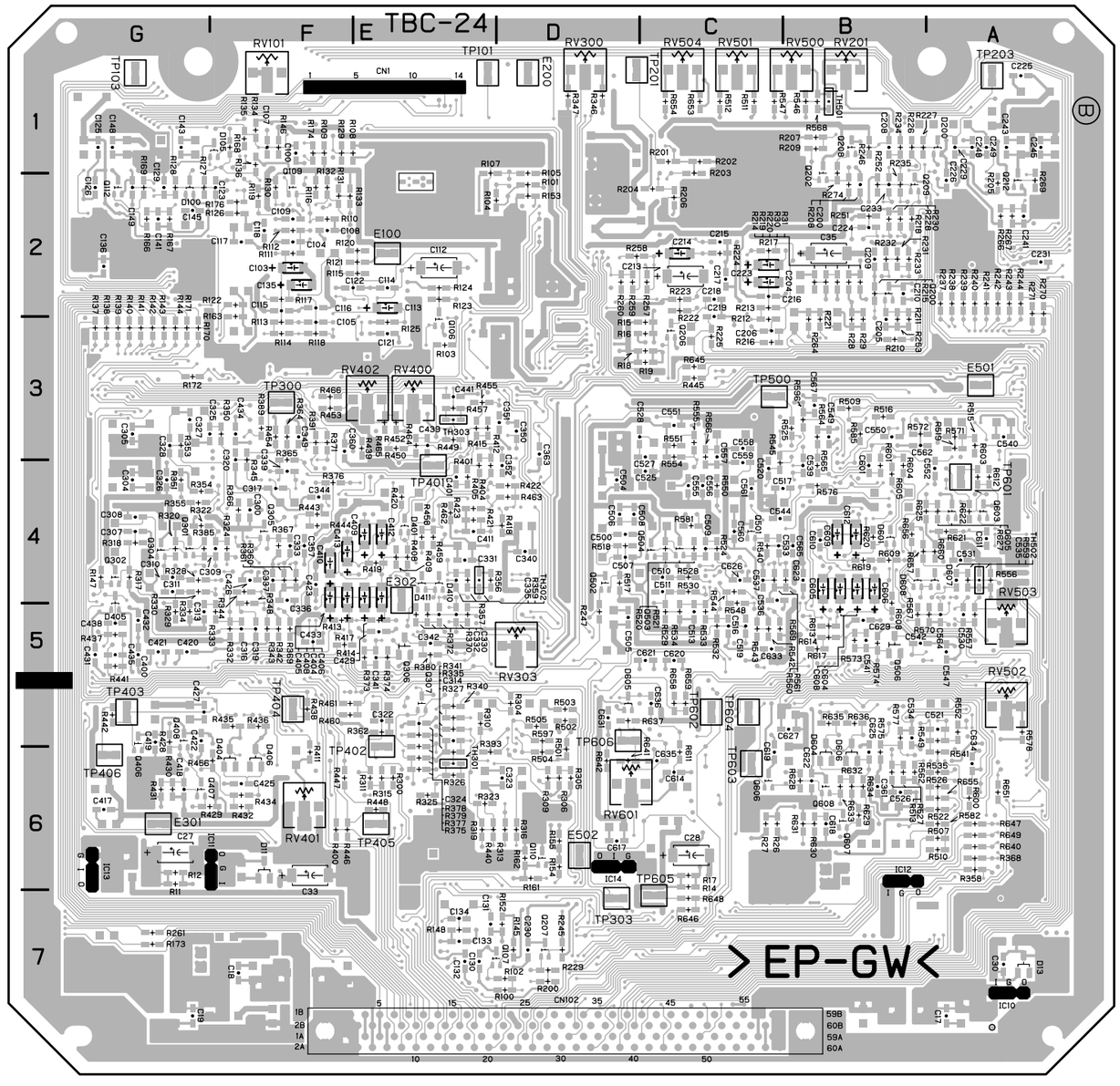
TBC-24 BOARD -A SIDE-

1-648-542-16 (LOT No. 803 -)

DVW-A500(J)	; TBC-24 MCB
DVW-A500(UC)	; TBC-24 MCB
DVW-A500P(EK)	; TBC-24P MCB
DVW-A500P(UC)	; TBC-24P MCB
DVW-A510(J)	; TBC-24 MCB
DVW-A510(UC)	; TBC-24 MCB
DVW-A510P(EK)	; TBC-24P MCB
DVW-CA510(J)	; TBC-24 MCB
DVW-CA510(UC)	; TBC-24 MCB
DVW-CA510P(EK)	; TBC-24P MCB

TBC-24 (1-648-542-16)

CN1	E1	IC501	B4	TP101	E1
CN102	D7	IC502	A6	TP103	G1
		IC507	A4	TP201	D1
D11	*F6	IC508	A5	TP203	A1
D12	A6	IC509	A6	TP300	F3
D13	*A7	IC511	B3	TP303	D7
D100	*G2	IC600	B3	TP304	A7
D103	F1	IC601	A3	TP401	E4
D104	F3	IC602	C6	TP402	E5
D105	*F1	IC603	C6	TP403	G5
D200	*A1	IC604	C5	TP404	F5
D201	B1	IC605	C5	TP405	E6
D202	C3	IC606	B5	TP406	G6
D203	B2	IC607	D5	TP500	C3
D301	E5	IC608	A6	TP601	A4
D401	*E4	IC609	B3	TP602	C5
D403	E4	IC610	A6	TP603	C6
D404	*F6			TP604	C5
D405	*G4	LV401	F6	TP605	C7
D406	*F6	LV601	B6	TP606	D5
D407	E4				
D410	*E4	Q100	F2	*:B SIDE	
D411	*E4	Q101	D2		
D500	B4	Q102	F1		
D501	A5	Q103	F2		
D600	B4	Q104	F2		
D601	*B4	Q105	F2		
D603	B4	Q106	*E3		
D604	*B6	Q107	*D7		
D605	*D5	Q108	F1		
D606	*B6	Q109	*F2		
D607	*A4	Q110	*D6		
D608	*B4	Q112	*G2		
		Q200	*B2		
E100	E2	Q201	C1		
E200	D1	Q202	*B1		
E301	G6	Q203	B2		
E302	E4	Q204	B2		
E501	A3	Q205	B2		
E502	D6	Q206	*C3		
		Q207	*D7		
FL101	E2	Q208	*B1		
FL201	C2	Q209	*B2		
		Q212	*A2		
IC10	A7	Q300	F4		
IC11	F6	Q301	*G4		
IC12	B6	Q302	*G4		
IC13	G6	Q304	*G4		
IC14	D6	Q305	*F4		
IC15	G7	Q306	*E5		
IC16	E6	Q307	*E5		
IC17	C6	Q403	D4		
IC20	G6	Q404	D4		
IC21	C6	Q405	E4		
IC22	C3	Q406	*G5		
IC23	B2	Q407	*G6		
IC24	F6	Q408	*G5		
IC25	B6	Q500	C3		
IC100	G2	Q501	*C4		
IC101	E2	Q502	*D4		
IC102	F2	Q503	*C4		
IC103	G2	Q504	*C4		
IC104	E2	Q506	*B5		
IC105	E7	Q507	B5		
IC106	F3	Q603	*A4		
IC107	D2	Q604	A4		
IC108	G2	Q605	*A4		
IC200	A2	Q606	*C6		
IC201	C2	Q607	*B6		
IC202	A2	Q608	*B6		
IC203	C2				
IC204	B3	RV101	F1		
IC208	A2	RV201	B1		
IC300	A6	RV202	B1		
IC301	F4	RV300	D1		
IC302	E5	RV303	D5		
IC303	D5	RV400	E3		
IC304	F3	RV401	F6		
IC307	E4	RV402	E3		
IC308	E5	RV500	B1		
IC310	E3	RV501	C1		
IC400	F3	RV502	A5		
IC401	D4	RV503	A5		
IC402	E6	RV504	C1		
IC403	F6	RV601	D6		
IC404	E5				
IC405	G5	TH301	*E6		
IC406	F5	TH302	*E4		
IC407	G5	TH303	*E3		
IC409	D3	TH501	*B1		
IC411	E3	TH502	*A4		
IC412	B3				



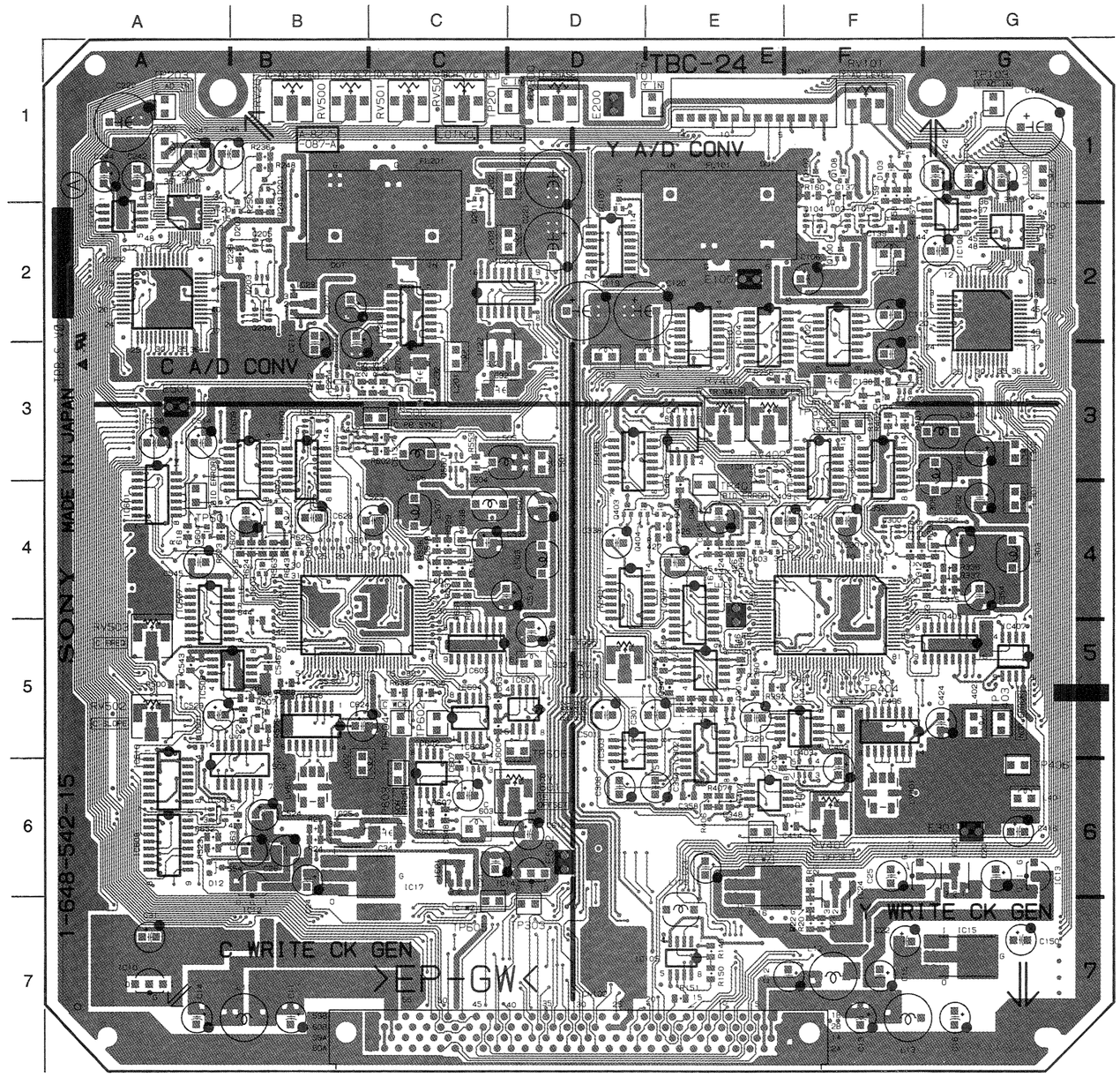
TBC-24 BOARD -B SIDE-

1-648-542-16 (LOT No. 803 -)

DVW-A500(J)	; TBC-24 MCB
DVW-A500(UC)	; TBC-24 MCB
DVW-A500P(EK)	; TBC-24P MCB
DVW-A500P(UC)	; TBC-24P MCB
DVW-A510(J)	; TBC-24 MCB
DVW-A510(UC)	; TBC-24 MCB
DVW-A510P(EK)	; TBC-24P MCB
DVW-CA510(J)	; TBC-24 MCB
DVW-CA510(UC)	; TBC-24 MCB
DVW-CA510P(EK)	; TBC-24P MCB

TBC-24 ; TBC (A/D conversion & Write clock generate blocks)

(Board's Lot No. 605 through 802
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



TBC-24 BOARD -A SIDE-

1-648-542-15 (LOT No. 605 - 802)

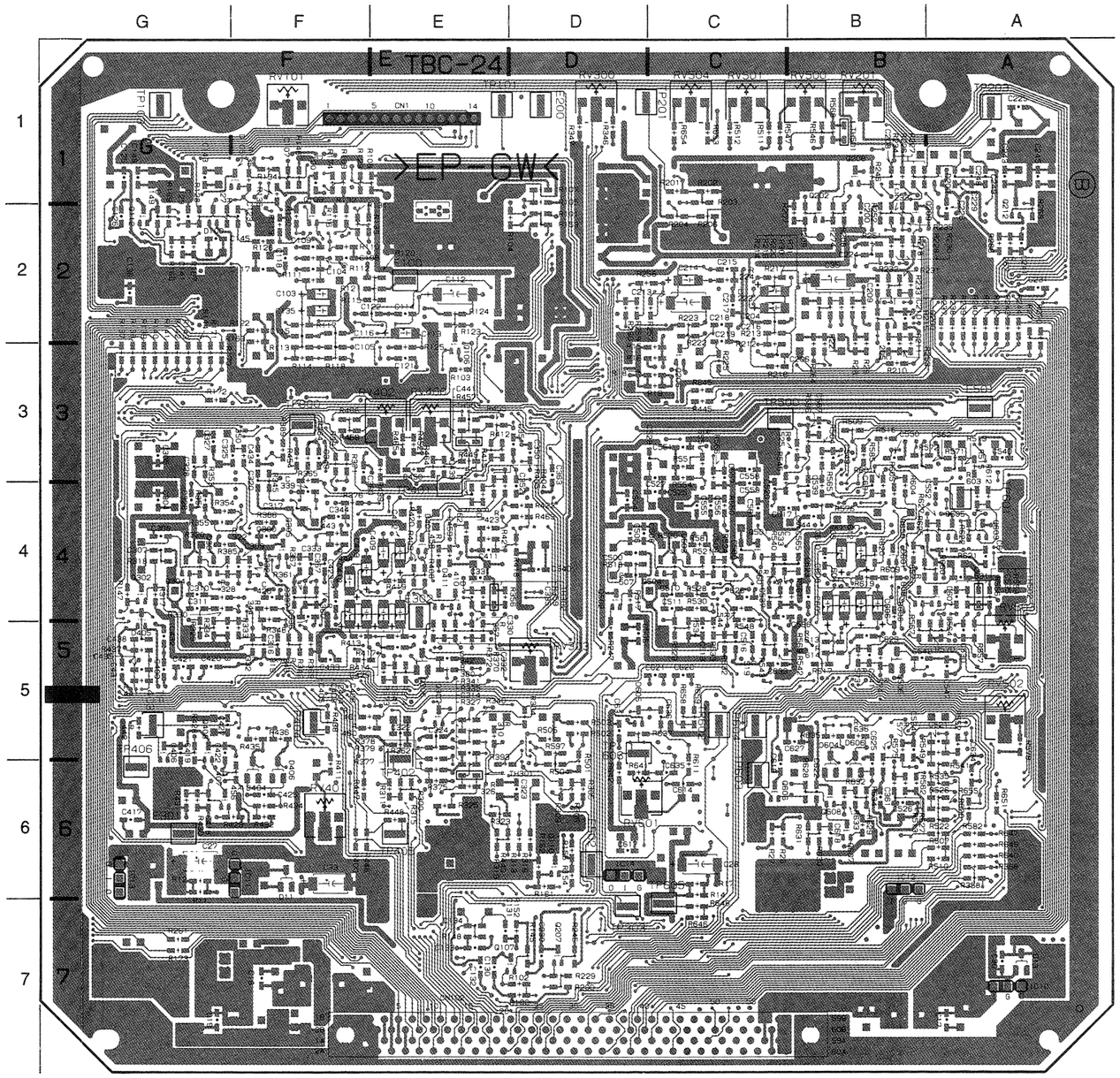
DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(J)	; TBC-24	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24(1-648-542-15)

CN1	E-1	IC405	G-5	*Q208	B-1
CN102	D-7	IC406	F-5	*Q209	B-2
		IC407	G-5	*Q212	A-2
*D11	F-6	IC409	D-3	Q300	F-4
D12	A-6	IC411	E-3	*Q301	G-4
*D13	A-7	IC412	B-3	*Q302	G-4
*D100	G-2	IC501	B-4	*Q304	G-4
D103	F-1	IC502	A-6	*Q305	F-4
D104	F-3	IC507	A-4	*Q306	E-5
*D105	F-1	IC508	A-5	*Q307	E-5
*D200	A-1	IC509	A-6	Q403	D-4
D201	B-1	IC511	B-3	Q405	E-4
D202	C-3	IC600	B-3	*Q406	G-5
D301	E-5	IC601	A-3	*Q407	G-6
*D401	E-4	IC602	C-6	*Q408	G-5
D403	E-4	IC603	C-6	Q500	C-3
*D404	F-6	IC604	C-5	*Q501	C-4
*D405	G-4	IC605	C-5	*Q502	D-4
*D406	F-6	IC606	B-5	*Q503	C-4
D407	E-4	IC607	D-5	*Q504	C-4
D501	A-5	IC608	A-6	*Q506	B-5
*D601	B-4	IC609	B-3	Q507	B-5
*D604	B-6	IC610	A-6	*Q603	A-4
*D605	D-5			Q604	A-4
*D606	B-6	LV401	F-6	*Q605	A-4
		LV601	B-6	*Q606	C-6
E100	E-2			*Q607	B-6
E200	D-1	L11	B-7	*Q608	B-6
E301	G-6	L12	F-7		
E302	E-4	L13	F-7	RV101	F-1
E501	A-3	L100	G-1	RV201	B-1
E502	D-6	L102	F-2	RV300	D-1
		L103	D-3	RV303	D-5
FL101	E-2	L104	E-3	RV401	F-6
FL201	C-2	L105	E-7	RV500	B-1
		L200	A-1	RV501	C-1
IC10	A-7	L201	C-3	RV502	A-5
IC11	F-6	L202	D-1	RV503	A-5
IC12	B-6	L203	D-2	RV504	C-1
IC13	G-6	L301	G-4	RV601	D-6
IC14	D-6	L302	G-3		
IC15	G-7	L303	G-4	TP101	E-1
IC16	E-6	L304	G-3	TP103	G-1
IC17	C-6	L305	G-3	TP201	D-1
IC20	G-6	L401	G-6	TP203	A-1
IC21	C-6	L402	G-5	TP300	F-3
IC22	C-3	L403	E-4	TP303	D-7
IC23	B-2	L501	D-3	TP401	E-4
IC24	F-6	L502	D-5	TP402	E-5
IC25	B-6	L503	D-4	TP403	G-5
IC100	G-2	L504	C-4	TP404	F-5
IC101	E-2	L505	D-3	TP405	E-6
IC102	F-2	L506	C-3	TP406	G-6
IC103	G-2	L507	C-4	TP500	C-3
IC104	E-2	L601	C-6	TP601	A-4
IC105	E-7	L602	B-6	TP602	C-5
IC106	F-3	L603	B-4	TP603	C-6
IC107	D-2			TP604	C-5
IC108	G-2	Q100	F-2	TP605	C-7
IC200	A-2	Q101	D-2	TP606	D-5
IC201	C-2	Q102	F-1		
IC202	A-2	Q103	F-2		
IC203	C-2	Q104	F-2		
IC204	B-3	Q105	F-2		
IC208	A-2	*Q106	E-3		
IC301	F-4	*Q107	E-7		
IC302	E-5	Q108	F-1		
IC303	D-5	*Q109	F-2		
IC304	F-3	*Q110	D-6		
IC307	E-4	*Q112	G-2		
IC308	E-5	*Q200	B-2		
IC310	E-3	Q201	C-1		
IC400	F-3	*Q202	B-2		
IC401	D-4	Q203	B-2		
IC402	E-6	Q204	B-2		
IC403	F-6	Q205	B-2		
IC404	E-5	*Q207	D-7		

*: B SIDE

LOT NO. C-1



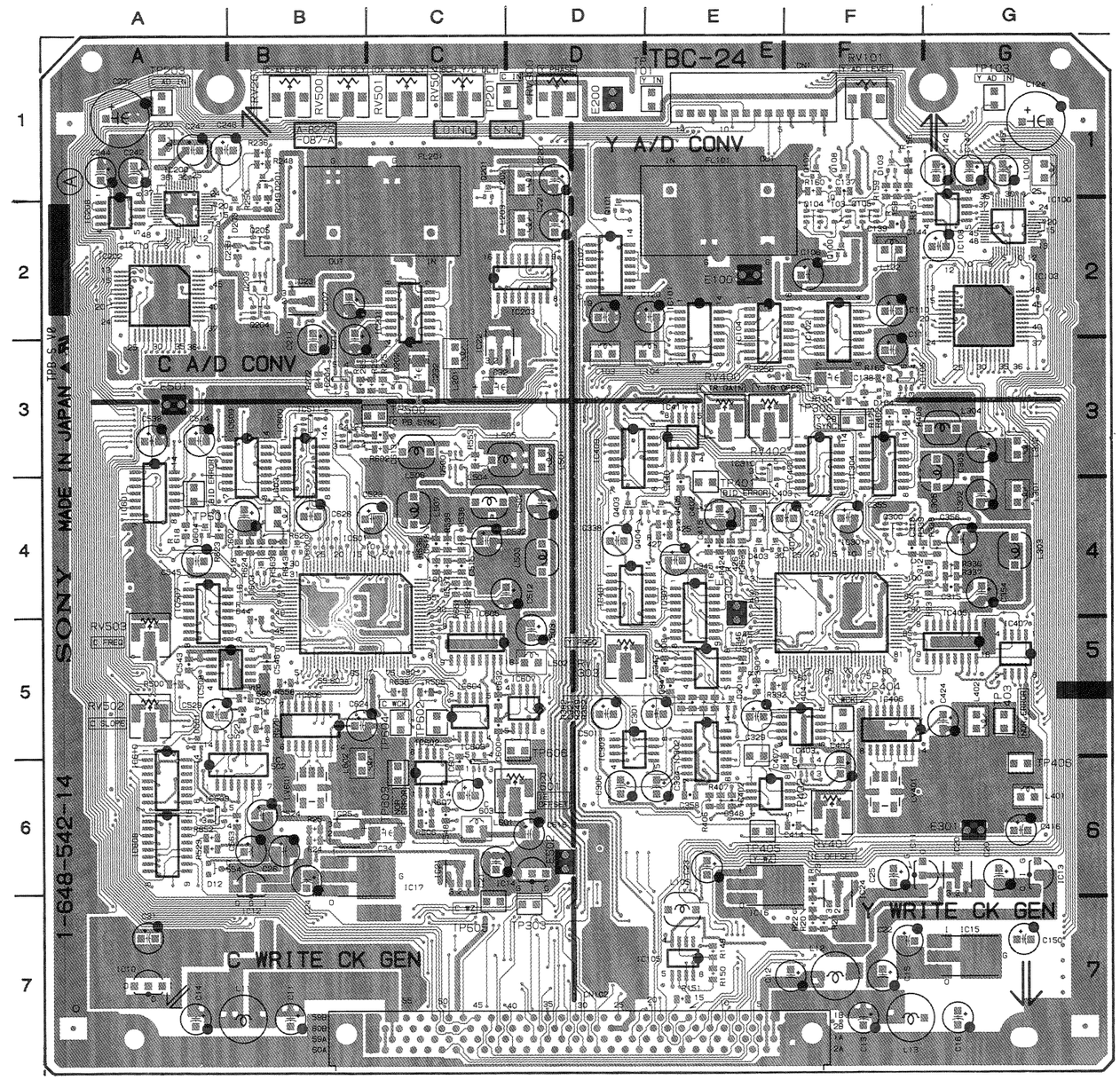
TBC-24 BOARD -B SIDE-

1-648-542-15 (LOT No. 605 - 802)

DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(J)	; TBC-24	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24 ; TBC (A/D conversion & Write clock generate blocks)

(Board's Lot No. 503 through 603)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



TBC-24 BOARD -A SIDE-

1-648-542-14 (LOT No. 503 - 603)

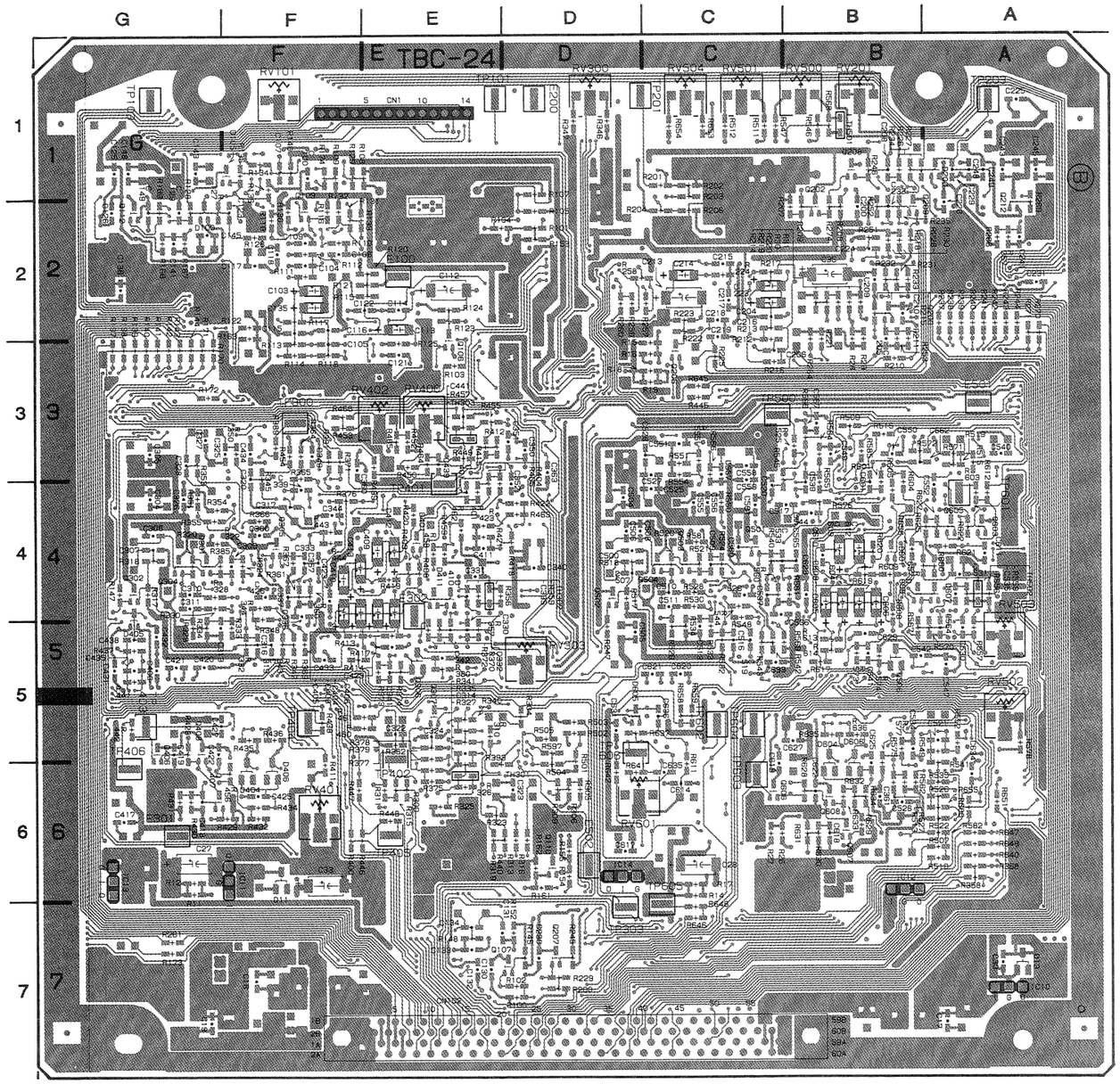
DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(J)	; TBC-24	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24(1-648-542-14)

CN1	F-1	IC307	E-4	✱Q506	B-5
CN102	D-7	IC308	E-5	Q507	B-5
		IC310	E-3	✱Q603	A-4
✱D11	F-6	IC400	F-3	Q604	A-4
D12	A-6	IC401	D-4	✱Q605	A-4
✱D13	A-7	IC402	E-6	✱Q606	C-6
✱D100	G-2	IC403	F-6	✱Q607	B-6
D103	F-1	IC404	E-5	✱Q608	B-6
D104	F-3	IC405	G-5		
✱D105	F-1	IC406	F-5	RV101	F-1
✱D200	A-1	IC407	G-5	RV201	B-1
D201	B-1	IC409	D-3	RV300	D-1
D202	C-3	IC411	E-3	RV303	D-5
D203	B-2	IC412	B-3	RV400	E-3
D301	E-5	IC501	B-4	RV401	F-6
✱D401	E-4	IC502	A-6	RV402	E-3
D403	E-4	IC507	A-4	RV500	B-1
✱D404	F-6	IC508	A-5	RV501	C-1
✱D405	G-4	IC509	A-6	RV502	A-5
✱D406	F-6	IC511	B-3	RV503	A-5
D407	E-4	IC600	B-3	RV504	C-1
✱D410	E-4	IC601	A-3	RV601	D-6
✱D411	E-4	IC602	C-6		
D501	A-5	IC603	C-6	✱TH301	E-6
D600	B-4	IC604	C-5	✱TH302	E-4
✱D601	B-4	IC605	C-5	✱TH303	E-3
D603	B-4	IC606	B-5	✱TH501	B-1
✱D604	B-6	IC607	D-5	✱TH502	A-4
✱D605	D-5	IC608	A-6		
✱D606	B-6	IC609	B-3	TP101	E-1
✱D607	A-4	IC610	A-6	TP103	G-1
✱D608	B-4			TP201	C-1
		LV401	F-6	TP203	A-1
E100	E-2	LV601	B-6	TP300	F-3
E200	D-1			TP303	D-7
E301	G-6	Q100	F-2	TP401	E-4
E302	E-4	Q101	D-2	TP402	E-5
E501	A-3	Q102	F-1	TP403	G-5
E502	D-6	Q103	F-2	TP404	F-5
		Q104	F-2	TP405	E-6
FL101	E-1	Q105	F-2	TP406	G-6
FL201	C-1	✱Q106	E-3	TP500	C-3
		✱Q107	E-7	TP601	A-4
IC10	A-7	Q108	F-1	TP602	C-5
IC11	F-6	✱Q109	F-2	TP603	C-6
IC12	B-6	✱Q110	D-6	TP604	C-5
IC13	G-6	✱Q112	G-2	TP605	C-7
IC14	D-6	✱Q200	B-2	TP606	D-5
IC15	G-7	Q201	C-1		
IC16	E-6	✱Q202	B-2		
IC17	C-6	Q203	B-2		
IC20	G-6	Q204	B-2		
IC21	C-6	Q205	B-2		
IC22	C-3	✱Q206	C-3		
IC23	B-2	✱Q207	D-7		
IC24	F-6	✱Q208	B-1		
IC25	B-6	✱Q209	B-2		
IC100	G-2	✱Q212	A-1		
IC101	E-2	Q300	F-4		
IC102	F-2	✱Q301	G-4		
IC103	G-2	✱Q302	G-4		
IC104	E-2	✱Q304	G-4		
IC105	E-7	✱Q305	F-4		
IC106	F-3	✱Q306	E-5		
IC107	D-2	✱Q307	E-5		
IC108	G-2	Q403	D-4		
IC200	A-2	Q404	E-4		
IC201	C-2	Q405	E-4		
IC202	A-2	✱Q406	G-5		
IC203	C-2	✱Q407	G-6		
IC204	B-3	✱Q408	G-5		
IC208	A-2	Q500	C-3		
IC301	F-4	✱Q501	C-4		
IC302	E-5	✱Q502	D-4		
IC303	D-5	✱Q503	C-4		
IC304	F-3	✱Q504	C-4		

✱ : B SIDE

LOT NO. C-1



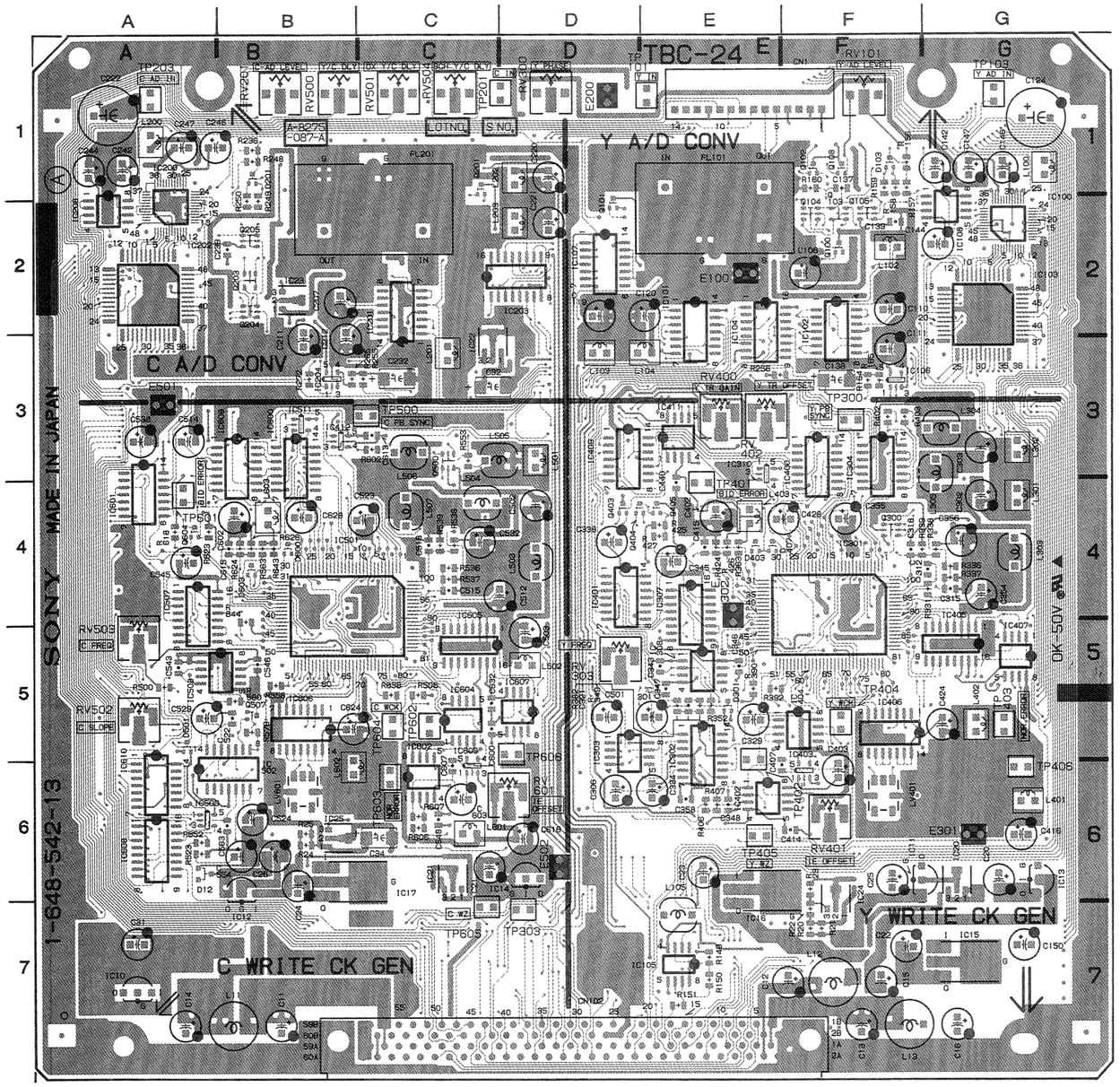
TBC-24 BOARD -B SIDE-

1-648-542-14 (LOT No. 503 - 603)

DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(J)	; TBC-24	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24 ; TBC (A/D conversion & Write clock generate blocks)

(Board's Lot No. 403 through 502)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



TBC-24 BOARD -A SIDE-

1-648-542-13 (LOT No. 403 - 502)

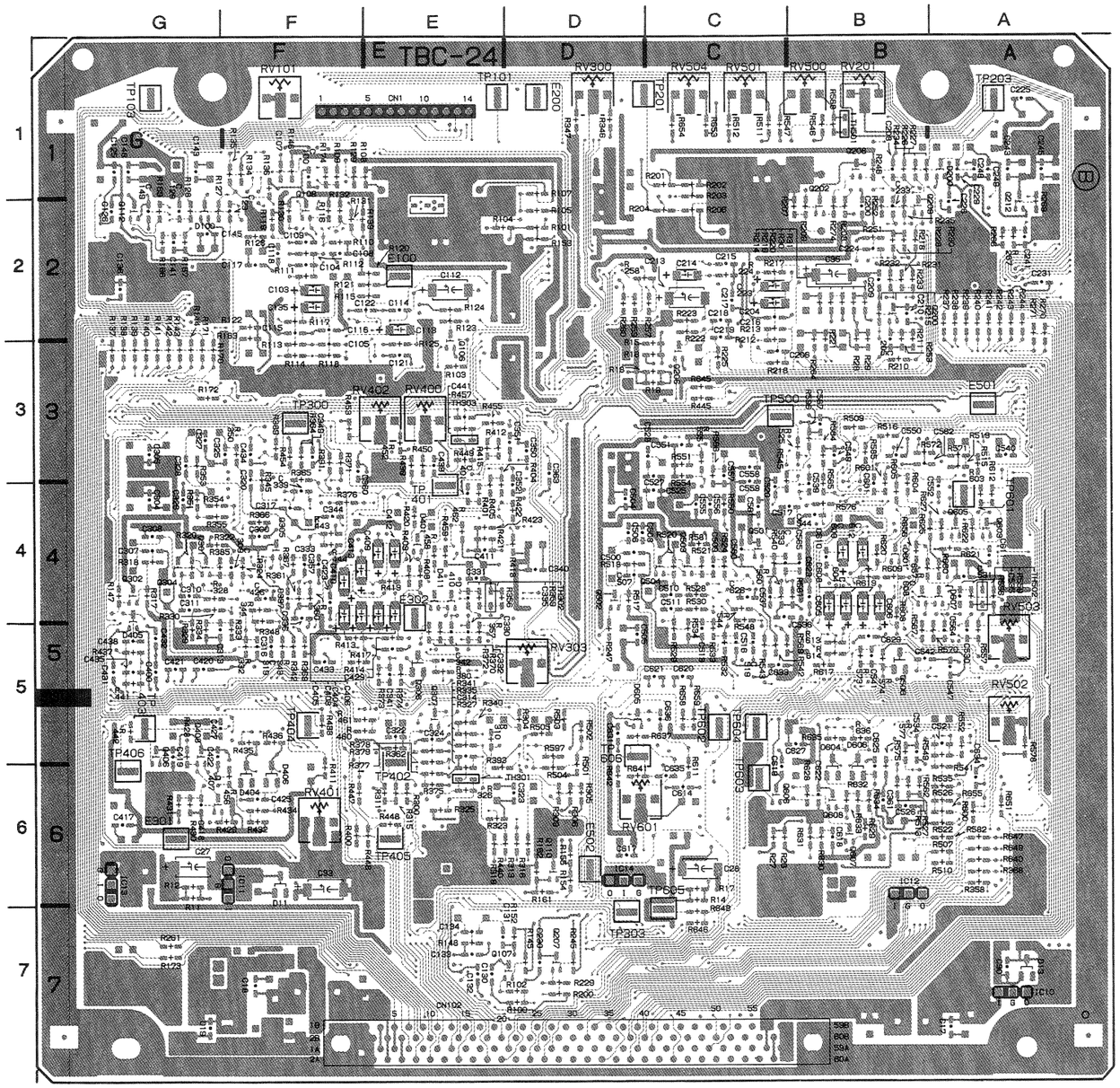
DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24(1-648-542-13)

CN1	F-1	IC401	D-4	✱Q605	A-4
CN102	D-7	IC402	E-6	✱Q606	C-6
		IC403	F-6	✱Q607	B-6
✱D11	F-6	IC404	E-5	✱Q608	B-6
D12	A-6	IC405	G-5		
✱D13	A-7	IC406	F-5	RV101	F-1
✱D100	G-2	IC407	G-5	RV201	B-1
D103	F-1	IC409	D-3	RV300	D-1
✱D200	A-1	IC411	E-3	RV303	D-5
D201	B-1	IC412	B-3	RV400	E-3
D301	E-5	IC501	B-4	RV401	F-6
✱D401	E-4	IC502	A-6	RV402	E-3
D403	E-4	IC507	A-4	RV500	B-1
✱D404	F-6	IC508	A-5	RV501	C-1
✱D405	G-4	IC509	A-6	RV502	A-5
✱D406	F-6	IC511	B-3	RV503	A-5
D407	E-4	IC600	B-3	RV504	C-1
✱D410	E-4	IC601	A-3	RV601	D-6
✱D411	E-4	IC602	C-6		
D501	A-5	IC603	C-6	✱TH301	E-6
D600	B-4	IC604	C-5	✱TH302	E-4
✱D601	B-4	IC605	C-5	✱TH303	E-3
D603	B-4	IC606	B-5	✱TH501	B-1
✱D604	B-6	IC607	D-5	✱TH502	A-4
✱D605	D-5	IC608	A-6		
✱D606	B-6	IC609	B-3	TP101	E-1
✱D607	A-4	IC610	A-6	TP103	G-1
✱D608	B-4			TP201	C-1
		LV401	F-6	TP203	A-1
E100	E-2	LV601	B-6	TP300	F-3
E200	D-1			TP303	D-7
E301	G-6	Q100	F-2	TP401	E-4
E302	E-4	Q101	D-2	TP402	E-5
E501	A-3	Q102	F-1	TP403	G-5
E502	D-6	Q103	F-2	TP404	F-5
		Q104	F-2	TP405	E-6
FL101	E-1	Q105	F-2	TP406	G-6
FL201	C-1	✱Q106	E-3	TP500	C-3
		✱Q107	E-7	TP601	A-4
IC10	A-7	Q108	F-1	TP602	C-5
IC11	F-6	✱Q109	F-2	TP603	C-6
IC12	B-6	✱Q110	D-6	TP604	C-5
IC13	G-6	✱Q112	G-2	TP605	C-7
IC14	D-6	✱Q200	B-2	TP606	D-5
IC15	G-7	Q201	C-1		
IC16	E-6	✱Q202	B-2		
IC17	C-6	Q203	B-2		
IC20	G-6	Q204	B-2		
IC21	C-6	Q205	B-2		
IC22	C-3	✱Q206	C-3		
IC23	B-2	✱Q207	D-7		
IC24	F-6	✱Q208	B-1		
IC25	B-6	✱Q209	B-2		
IC100	G-2	✱Q212	A-1		
IC101	E-2	Q300	F-4		
IC102	F-2	✱Q301	G-4		
IC103	G-2	✱Q302	G-4		
IC104	E-2	✱Q304	G-4		
IC105	E-7	✱Q305	F-4		
IC106	F-3	✱Q306	E-5		
IC107	D-2	✱Q307	E-5		
IC108	G-2	Q403	D-4		
IC200	A-2	Q404	E-4		
IC201	C-2	Q405	E-4		
IC202	A-2	✱Q406	G-5		
IC203	C-2	✱Q407	G-6		
IC204	B-3	✱Q408	G-5		
IC208	A-2	Q500	C-3		
IC301	F-4	✱Q501	C-4		
IC302	E-5	✱Q502	D-4		
IC303	D-5	✱Q503	C-4		
IC304	F-3	✱Q504	C-4		
IC307	E-4	✱Q506	B-5		
IC308	E-5	Q507	B-5		
IC310	E-3	✱Q603	A-4		
IC400	F-3	Q604	A-4		

✱ : B SIDE

LOT NO. C-1



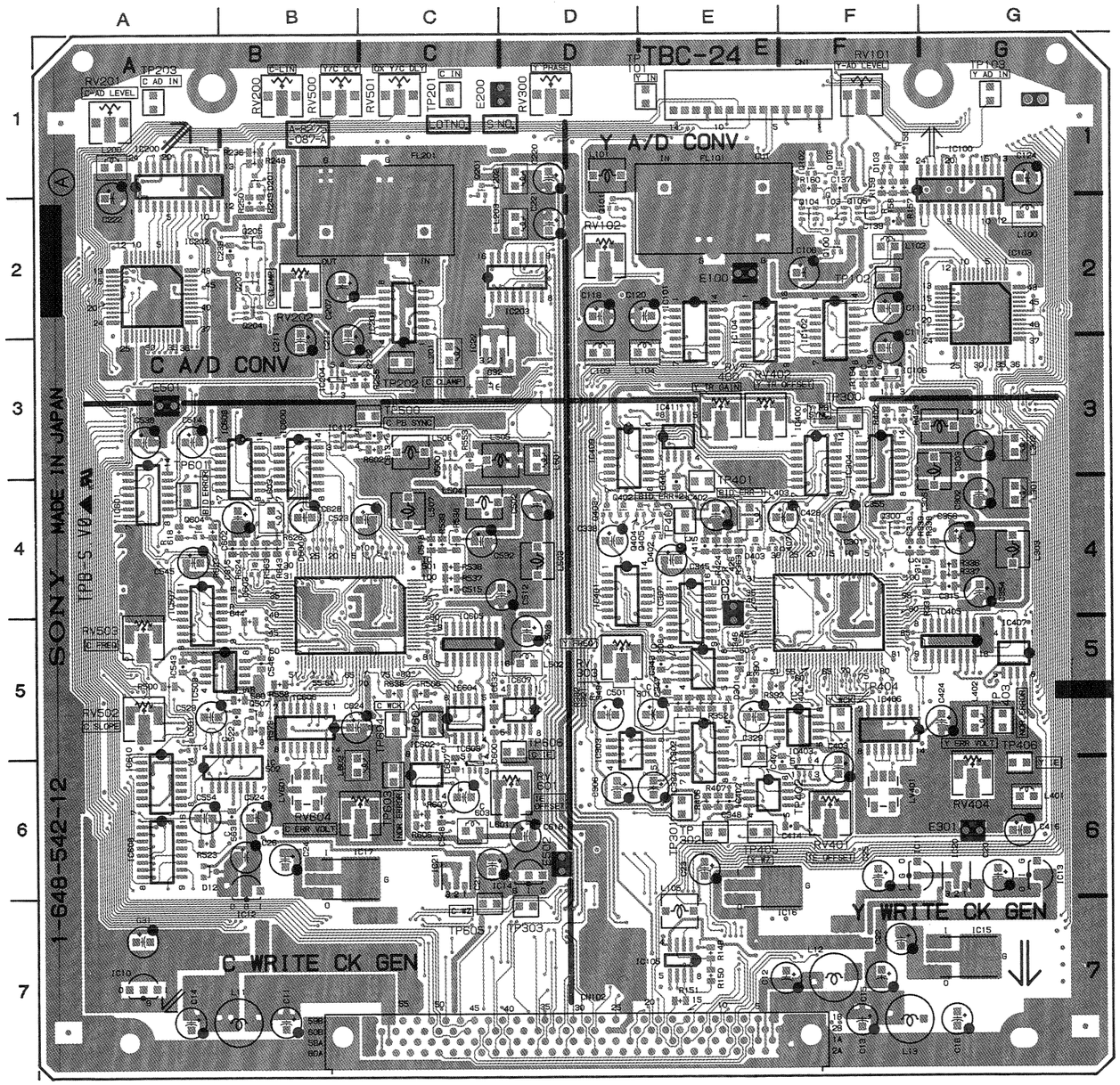
TBC-24 BOARD -B SIDE-

1-648-542-13 (LOT No. 403 - 502)

DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24 ; TBC (A/D conversion & Write clock generate blocks)

(Board's Lot No. 305 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



TBC-24 BOARD -A SIDE-

1-648-542-12 (LOT No. 305 - 402)

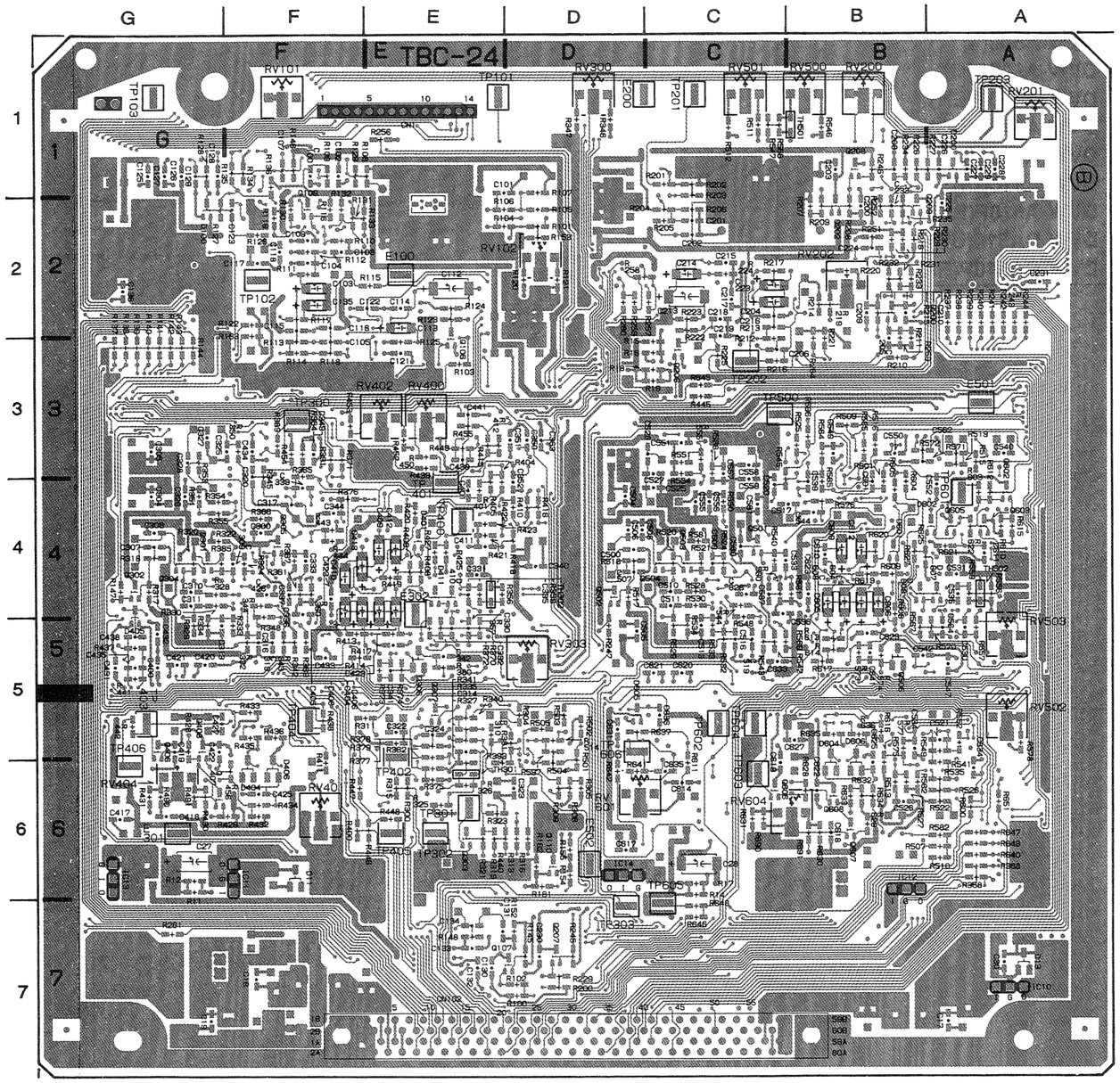
DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24(1-648-542-12)

CN1	F-1	IC406	F-5	RV102	D-2
CN102	D-7	IC407	G-5	RV200	B-1
		!C409	D-3	RV201	A-1
✱D11	F-6	IC411	E-3	RV202	B-2
D12	A-6	IC412	B-3	RV300	D-1
✱D13	A-7	IC501	B-4	RV303	D-5
✱D100	G-2	IC502	A-6	RV400	E-3
D103	F-1	IC507	A-4	RV401	F-6
✱D200	A-1	IC508	A-5	RV402	E-3
D201	B-1	IC600	B-3	RV404	G-6
D301	E-5	IC601	A-3	RV500	B-1
✱D401	E-4	IC602	C-6	RV501	C-1
D402	E-4	IC603	C-6	RV502	A-5
D403	E-4	IC604	C-5	RV503	A-5
✱D404	F-6	IC605	C-5	RV601	D-6
✱D405	G-4	IC606	B-5	RV604	B-6
✱D406	F-6	IC607	D-5		
D407	E-4	IC608	A-6	✱TH301	E-6
✱D410	E-4	IC609	B-3	✱TH302	E-4
✱D411	E-4	IC610	A-6	✱TH501	B-1
D501	A-5			✱TH502	A-4
D600	B-4	LV401	F-6		
✱D601	B-4	LV601	B-6	TP101	E-1
✱D602	A-4			TP102	F-2
D603	B-4	Q100	F-2	TP103	G-1
✱D604	B-6	Q101	D-2	TP201	C-1
✱D605	D-5	Q102	F-1	TP202	C-3
✱D606	B-6	Q103	F-2	TP203	A-1
✱D607	A-4	Q104	F-2	TP300	F-3
✱D608	B-4	Q105	F-2	TP301	E-6
		✱Q106	E-3	TP302	E-6
E100	E-2	✱Q107	E-7	TP303	D-7
E200	D-1	Q108	F-1	TP400	E-4
E301	G-6	✱Q109	F-2	TP401	E-4
E302	E-4	✱Q110	D-6	TP402	E-5
E501	A-3	✱Q200	B-2	TP403	G-5
E502	D-6	Q201	C-1	TP404	F-5
		✱Q202	B-2	TP405	E-6
FL101	E-1	Q203	B-2	TP406	G-6
FL201	C-1	Q204	B-2	TP500	C-3
		Q205	B-2	TP601	A-4
IC10	A-7	✱Q206	C-3	TP602	C-5
IC11	F-6	✱Q207	D-7	TP603	C-6
IC12	B-6	✱Q208	B-1	TP604	C-5
IC13	G-6	✱Q209	B-2	TP605	C-7
IC14	D-6	Q300	F-4	TP606	D-5
IC15	G-7	✱Q301	G-4		
IC16	E-6	✱Q302	G-4		
IC17	B-6	✱Q303	E-6		
IC20	G-6	✱Q304	G-4		
IC21	C-6	✱Q305	F-4		
IC22	C-3	✱Q306	E-5		
IC100	G-2	✱Q307	E-5		
IC101	E-2	Q402	D-4		
IC102	F-2	Q403	D-4		
IC103	G-2	Q404	E-4		
IC104	E-2	Q405	E-4		
IC105	E-7	✱Q406	G-5		
IC106	F-3	✱Q407	G-6		
IC200	A-2	✱Q408	G-5		
IC201	C-2	Q500	C-3		
IC202	A-2	✱Q501	C-4		
IC203	C-2	✱Q502	D-4		
IC204	B-3	✱Q503	C-4		
IC301	F-4	✱Q504	C-4		
IC302	E-5	✱Q506	B-5		
IC303	D-5	Q507	B-5		
IC304	F-3	✱Q602	A-4		
IC307	E-4	✱Q603	A-4		
IC308	E-5	Q604	A-4		
IC400	F-3	✱Q605	A-4		
IC401	D-4	✱Q606	C-6		
IC402	E-6	✱Q607	B-6		
IC403	F-6	✱Q608	B-6		
IC404	E-5				
IC405	G-5	RV101	F-1		

✱ : B SIDE

LOT NO. C-1



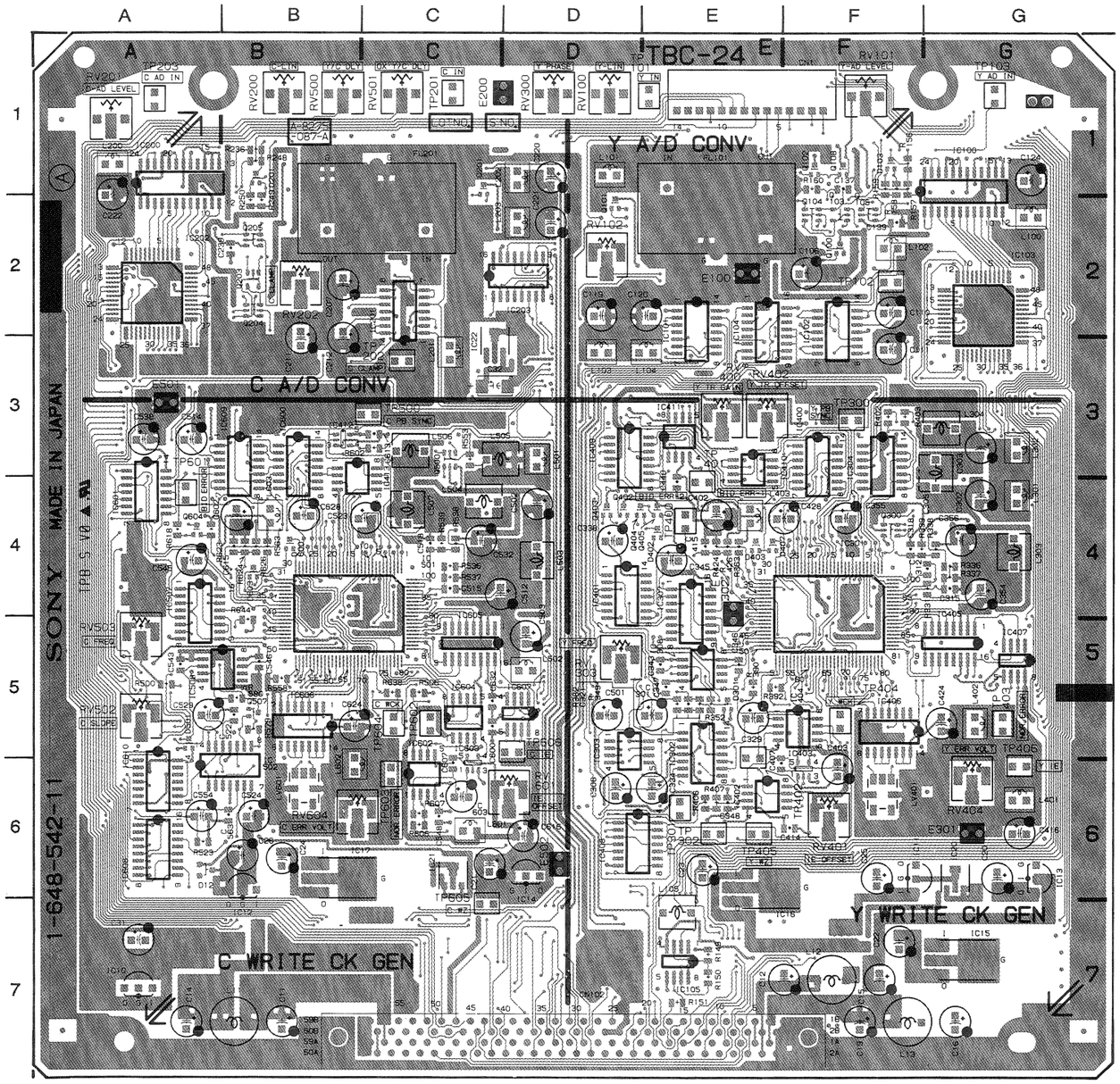
TBC-24 BOARD -B SIDE-

1-648-542-12 (LOT No. 305 - 402)

DVW-A500(J)	; TBC-24	MCB
DVW-A500(UC)	; TBC-24	MCB
DVW-A500P(EK)	; TBC-24P	MCB
DVW-A500P(UC)	; TBC-24P	MCB
DVW-A510(J)	; TBC-24	MCB
DVW-A510(UC)	; TBC-24	MCB
DVW-A510P(EK)	; TBC-24P	MCB
DVW-CA510(UC)	; TBC-24	MCB
DVW-CA510P(EK)	; TBC-24P	MCB

TBC-24 ; TBC (A/D conversion & Write clock generate blocks)

(Board's Lot No. 302 through 304)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)



TBC-24 BOARD -A SIDE-

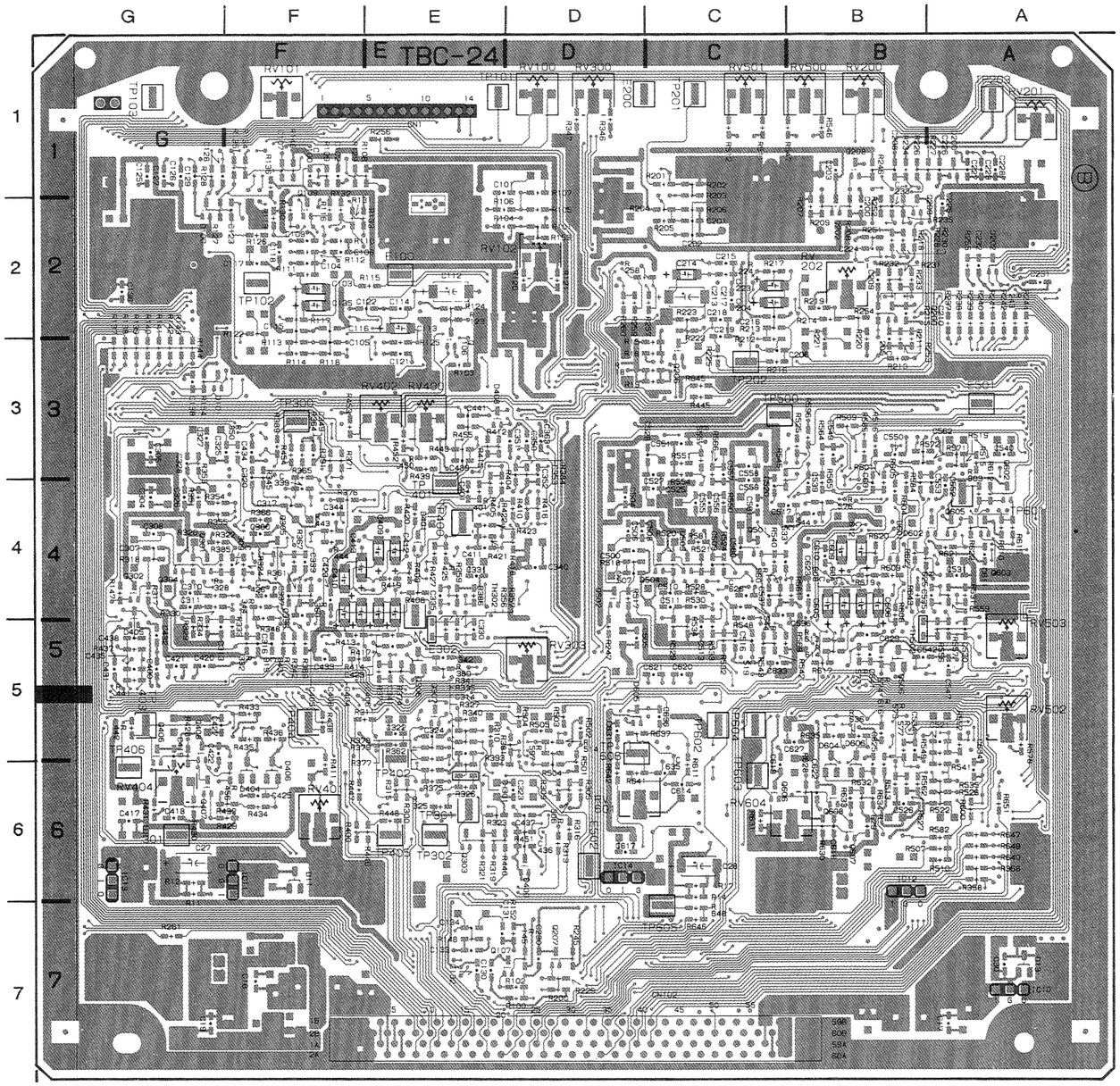
1-648-542-11 (LOT No. 302 - 304)
DVW-A500(J) ; TBC-24 MCB
DVW-A500(UC) ; TBC-24 MCB
DVW-A500P(EK) ; TBC-24P MCB

TBC-24(1-648-542-11)

CN1	E-1	IC408	D-6	RV101	F-1
CN102	D-7	IC409	D-3	RV102	D-2
		IC410	E-3	RV200	B-1
✱D11	F-6	IC411	E-3	RV201	A-1
D12	A-6	IC412	B-3	RV202	B-2
✱D13	A-7	IC413	B-3	RV300	D-1
✱D100	G-2	IC501	B-4	RV303	D-5
✱D101	G-3	IC502	A-6	RV400	E-3
D103	F-1	IC507	A-4	RV401	F-6
✱D200	A-1	IC508	A-5	RV402	E-3
D201	B-1	IC600	B-3	RV404	G-6
✱D202	A-2	IC601	A-3	RV500	B-1
D301	E-5	IC602	C-6	RV501	C-1
✱D400	D-6	IC603	C-6	RV502	A-5
✱D401	E-4	IC604	C-5	RV503	A-5
D402	E-4	IC605	C-5	RV601	D-6
D403	E-4	IC606	B-5	RV604	B-6
✱D404	F-6	IC607	D-5		
✱D405	G-4	IC608	A-6	✱TH301	E-6
✱D406	F-6	IC609	B-3	✱TH302	E-5
D407	E-4	IC610	A-6	✱TH502	B-5
✱D408	E-3				
D501	A-5	LV401	F-6	TP101	E-1
D600	B-4	LV601	B-6	TP102	F-2
✱D601	B-4			TP103	G-1
✱D602	A-4	Q100	F-2	TP201	C-1
D603	B-4	Q101	D-2	TP202	C-3
✱D604	B-6	Q102	F-1	TP203	A-1
✱D605	D-5	Q103	F-2	TP300	F-3
✱D606	B-6	Q104	F-2	TP301	E-6
		Q105	F-2	TP302	E-6
E100	E-2	✱Q106	E-3	TP400	E-4
E200	D-1	✱Q107	E-7	TP401	E-4
E301	G-6	Q108	F-1	TP402	E-5
E302	E-4	✱Q109	F-2	TP403	G-5
E501	A-3	✱Q200	B-2	TP404	F-5
E502	D-6	Q201	C-1	TP405	E-6
		✱Q202	B-2	TP406	G-6
FL101	E-2	Q203	B-2	TP500	C-3
FL201	C-2	Q204	B-2	TP601	A-4
		Q205	B-2	TP602	C-5
IC10	A-7	✱Q206	C-3	TP603	C-6
IC11	F-6	✱Q207	D-7	TP604	C-5
IC12	B-6	✱Q208	B-1	TP605	C-7
IC13	G-6	✱Q209	B-2	TP606	D-5
IC14	D-6	Q300	F-4		
IC15	G-7	✱Q301	G-4		
IC16	E-6	✱Q302	G-4		
IC17	B-6	✱Q303	E-6		
IC20	G-6	✱Q304	G-4		
IC21	C-6	✱Q305	F-4		
IC22	C-3	✱Q306	E-5		
IC100	G-2	✱Q307	E-5		
IC101	E-2	Q402	D-4		
IC102	F-2	Q403	D-4		
IC103	G-2	Q404	E-4		
IC104	E-2	Q405	E-4		
IC105	E-7	✱Q406	G-5		
IC200	A-2	✱Q407	G-6		
IC201	C-2	✱Q408	G-5		
IC202	A-2	Q500	C-3		
IC203	C-2	✱Q501	C-4		
IC301	F-4	✱Q502	D-4		
IC302	E-5	✱Q503	C-4		
IC303	D-5	✱Q504	C-4		
IC304	F-3	✱Q506	B-5		
IC307	E-4	Q507	B-5		
IC308	E-5	✱Q602	A-4		
IC400	F-3	✱Q603	A-4		
IC401	D-4	Q604	A-4		
IC402	E-6	✱Q605	A-4		
IC403	F-6	✱Q606	C-6		
IC404	E-5	✱Q607	B-6		
IC405	G-5	✱Q608	B-6		
IC406	F-5				
IC407	G-5	RV100	D-1		

✱ : B SIDE

LOT NO. C-1

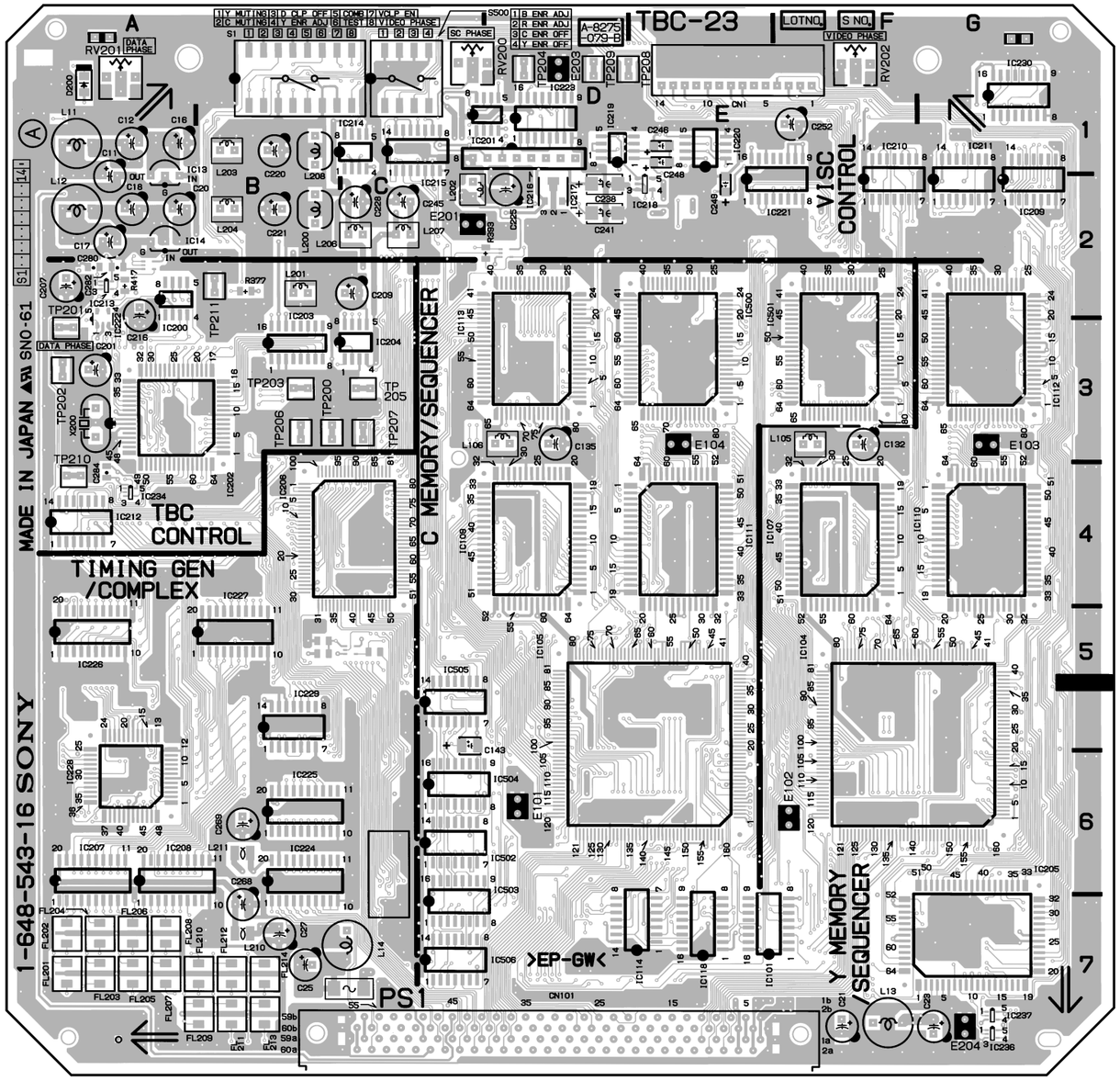


TBC-24 BOARD -B SIDE-

1-648-542-11 (LOT No. 302 - 304)
DVW-A500(J) ; TBC-24 MCB
DVW-A500(UC) ; TBC-24 MCB
DVW-A500P(EK) ; TBC-24P MCB

TBC-23 ; TBC (Sequence & Reference blocks)

(Board's Lot No. 803 and higher)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



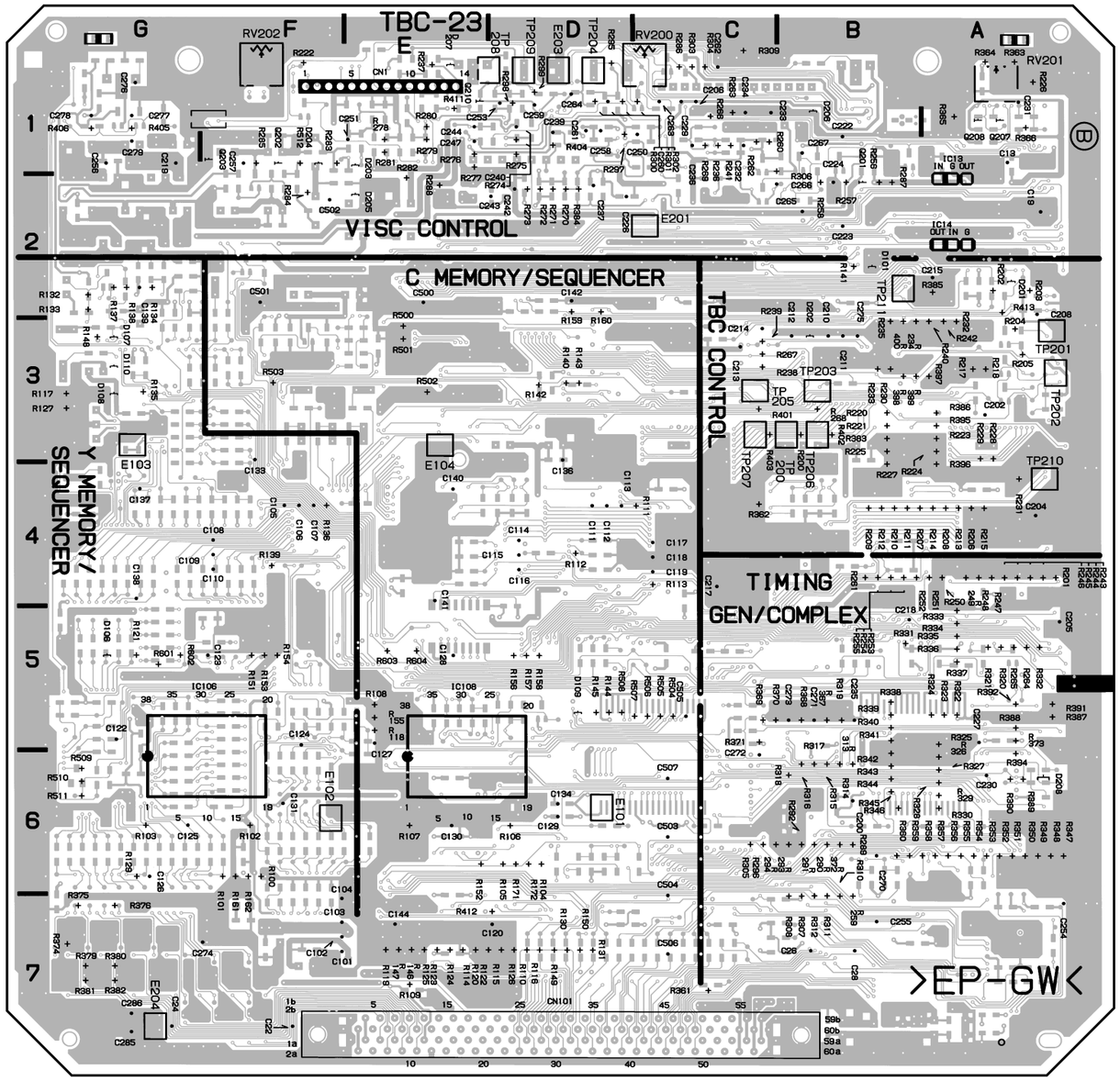
TBC-23 BOARD -A SIDE-

1-648-543-16 (LOT No. 803 -)

DVW-A500(J)	; TBC-23 MCB
DVW-A500(UC)	; TBC-23 MCB
DVW-A500P(EK)	; TBC-23P MCB
DVW-A500P(UC)	; TBC-23P MCB
DVW-A510(J)	; TBC-23 MCB
DVW-A510(UC)	; TBC-23 MCB
DVW-A510P(EK)	; TBC-23P MCB
DVW-CA510(J)	; TBC-23 MCB
DVW-CA510(UC)	; TBC-23 MCB
DVW-CA510P(EK)	; TBC-23P MCB

TBC-23 (1-648-543-16)

CN1	E1	IC505	C5
CN101	D7	IC506	C7
D101	*B2	L11	A1
D106	*G5	L12	A2
D107	*G3	L13	F7
D108	*G3	L14	C7
D109	*D5	L105	F3
D110	*G3	L106	D3
D200	A1	L200	B2
D201	*A2	L201	B2
D202	*B3	L202	C2
D203	*E1	L203	B1
D204	*F1	L204	B2
D205	*E2	L206	C2
D206	*B1	L207	C2
D207	*E1	L208	B1
D208	*A6	L210	B7
		L211	B6
E101	D6		
E103	G3	PS1	C7
E201	C2		
E203	D1	Q201	*B2
E204	G7	Q202	*F1
		Q203	*F1
FL201	A7	Q207	*A1
FL202	A7	Q208	*A1
FL203	A7	Q210	*E1
FL204	A7		
FL205	A7	RV200	C1
FL206	A7	RV201	A1
FL207	A7	RV202	F1
FL208	A7		
FL209	B7	S1	B1
FL210	B7	S500	C1
FL211	B7		
FL212	B7	TP201	A3
FL213	B7	TP203	B3
FL214	B7	TP204	D1
		TP208	E1
IC13	A2	TP209	D1
IC14	A2		
IC101	F7	X200	A3
IC104	F5		
IC105	E5	*:B SIDE	
IC107	F4		
IC109	D4		
IC110	G4		
IC111	E4		
IC112	G3		
IC113	D3		
IC114	E7		
IC118	E7		
IC200	A3		
IC201	C1		
IC202	A3		
IC203	B3		
IC204	C3		
IC205	G7		
IC206	C4		
IC207	A7		
IC208	A7		
IC209	G2		
IC210	F2		
IC211	G2		
IC212	A4		
IC213	A2		
IC214	C1		
IC215	C1		
IC216	D1		
IC217	D2		
IC218	E2		
IC219	E1		
IC220	E1		
IC221	E2		
IC222	A3		
IC223	D1		
IC224	B7		
IC225	B6		
IC226	A5		
IC227	B5		
IC228	A6		
IC229	B5		
IC230	G1		
IC234	A4		
IC236	G7		
IC237	G7		
IC500	E3		
IC501	F3		
IC502	C6		
IC503	C7		
IC504	C6		



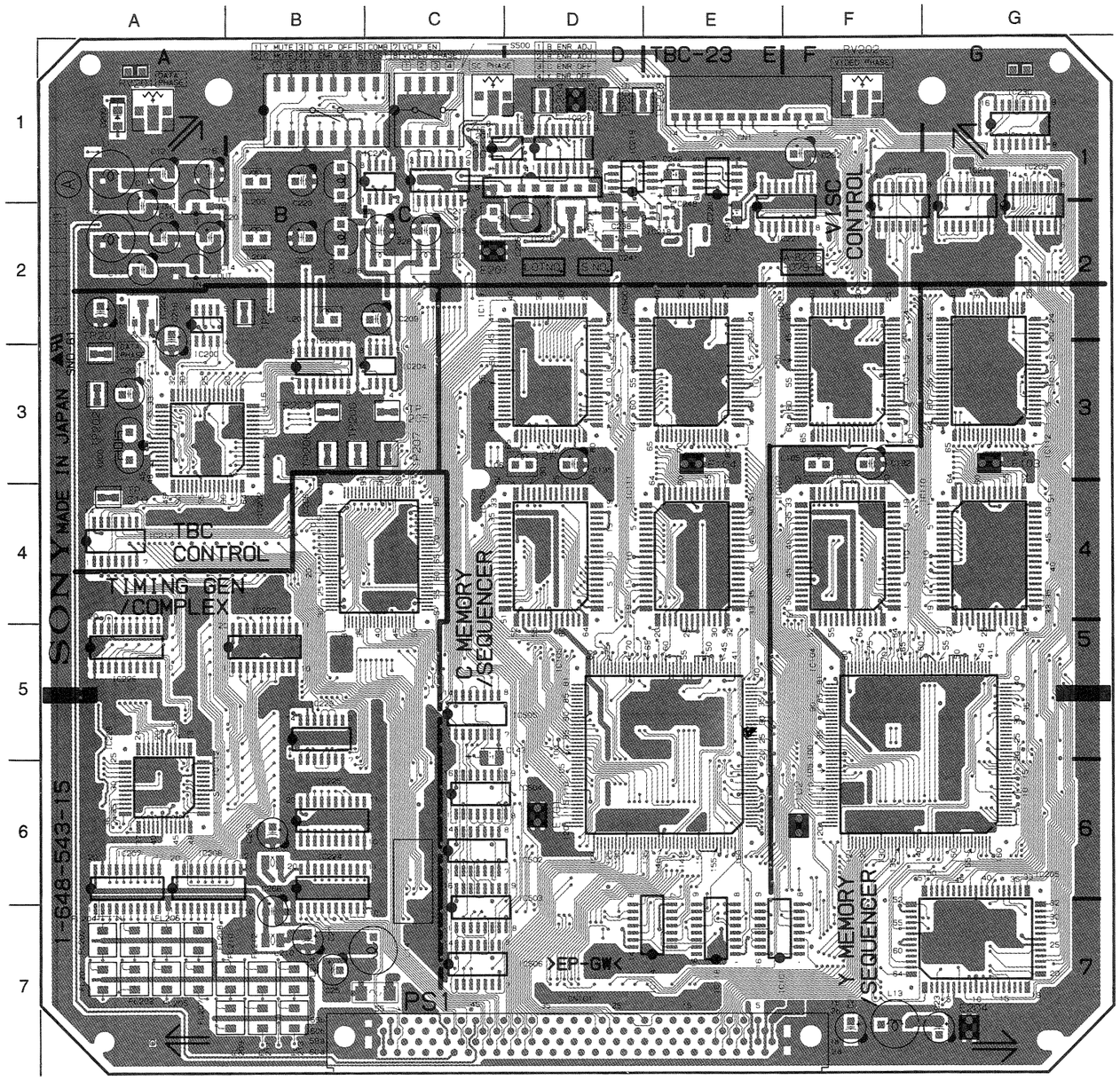
TBC-23 BOARD -B SIDE-

1-648-543-16 (LOT No. 803 -)

DVW-A500(J)	; TBC-23 MCB
DVW-A500(UC)	; TBC-23 MCB
DVW-A500P(EK)	; TBC-23P MCB
DVW-A500P(UC)	; TBC-23P MCB
DVW-A510(J)	; TBC-23 MCB
DVW-A510(UC)	; TBC-23 MCB
DVW-A510P(EK)	; TBC-23P MCB
DVW-CA510(J)	; TBC-23 MCB
DVW-CA510(UC)	; TBC-23 MCB
DVW-CA510P(EK)	; TBC-23P MCB

TBC-23 ; TBC (Sequence & Reference blocks)

(Board's Lot No. 605 through 802)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



TBC-23 BOARD -A SIDE-

1-648-543-15 (LOT No. 605 - 802)

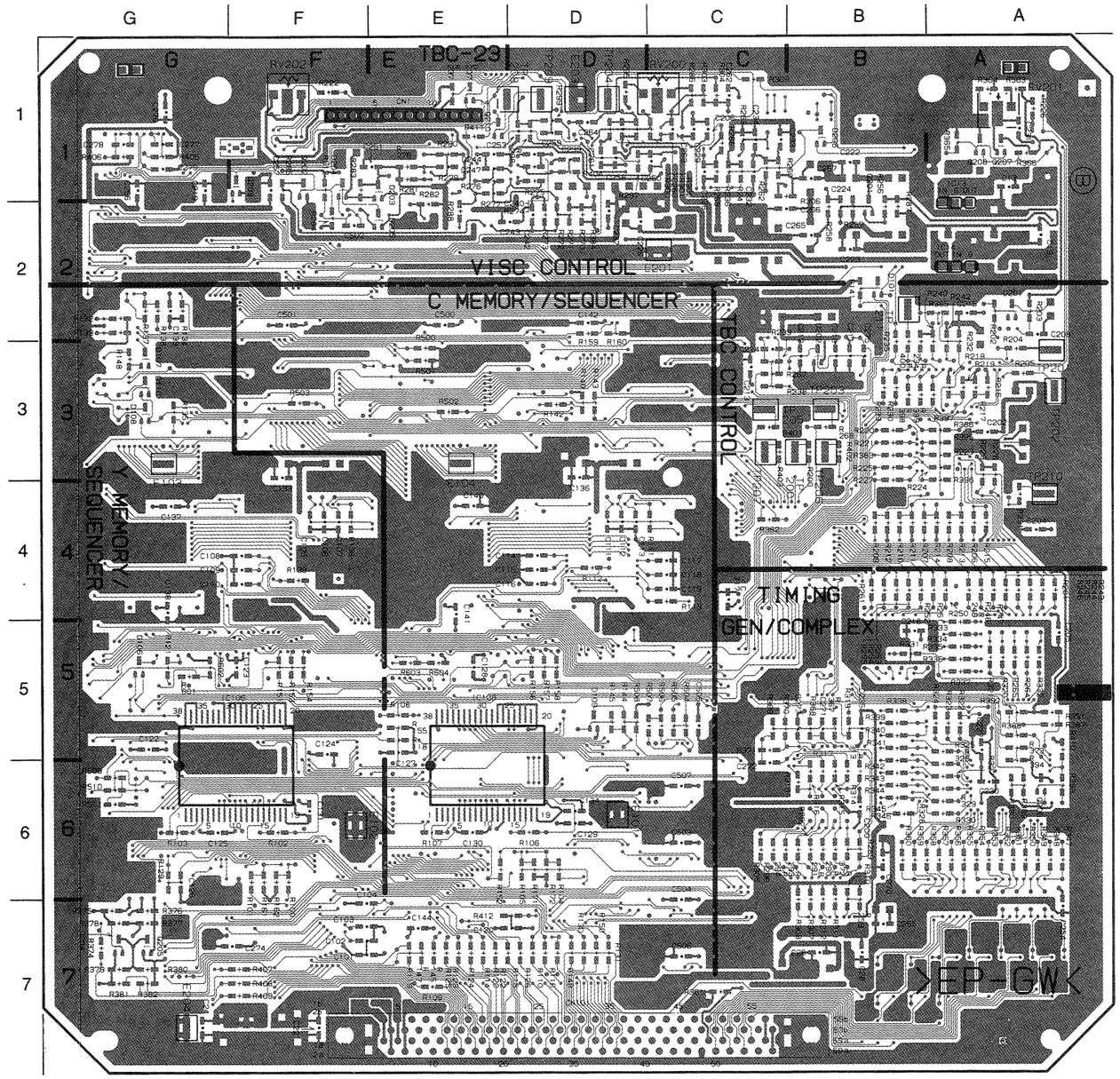
DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23P	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(J)	; TBC-23	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23(1-648-543-15)

CN1	E-1	IC229	B-5
CN101	D-7	IC230	G-1
		IC500	E-3
*D101	B-2	IC501	F-3
*D106	G-5	IC502	C-6
*D107	G-3	IC503	C-7
*D108	G-3	IC504	C-6
*D109	D-5	IC505	C-5
*D110	G-3	IC506	C-7
D200	A-1		
*D201	A-2	L11	A-1
*D202	B-3	L12	A-2
*D203	E-1	L13	F-7
*D204	F-1	L14	C-7
*D205	E-2	L105	F-3
*D206	B-1	L106	D-3
*D207	E-1	L200	B-2
		L201	B-2
E101	D-6	L202	C-2
E103	G-3	L203	B-1
E201	C-2	L204	B-2
E203	D-1	L206	C-2
E204	G-7	L207	C-2
		L208	B-1
FL201	A-7	L210	B-7
FL202	A-7	L211	B-6
FL203	A-7		
FL204	A-7	PS1	C-7
FL205	A-7		
FL206	A-7	*Q201	B-2
FL207	A-7	*Q202	F-1
FL208	A-7	*Q203	F-1
FL209	B-7	*Q204	G-7
FL210	B-7	*Q205	G-7
FL211	B-7	*Q207	A-1
FL212	B-7	*Q208	A-1
FL213	B-7	*Q210	E-1
FL214	B-7		
		RV200	C-1
IC13	A-2	RV201	A-1
IC14	A-2	RV202	F-1
IC101	F-7		
IC104	F-5	S1	B-1
IC105	E-5	S500	C-1
IC107	F-4		
IC109	D-4	TP201	A-3
IC110	G-4	TP203	B-3
IC111	E-4	TP204	D-1
IC112	G-3	TP208	E-1
IC113	D-3	TP209	D-1
IC114	E-7		
IC118	E-7	X200	A-3
IC200	A-3		
IC201	C-1		
IC202	A-3		
IC203	B-3		
IC204	C-3		
IC205	G-7		
IC206	C-4		
IC207	A-7		
IC208	A-7		
IC209	G-2		
IC210	F-2		
IC211	G-2		
IC212	A-4		
IC214	C-1		
IC215	C-1		
IC216	D-1		
IC217	D-2		
IC218	E-2		
IC219	E-1		
IC220	E-1		
IC221	E-2		
IC222	A-2		
IC223	D-1		
IC224	B-7		
IC225	B-6		

* : B SIDE

LOT NO. D-2



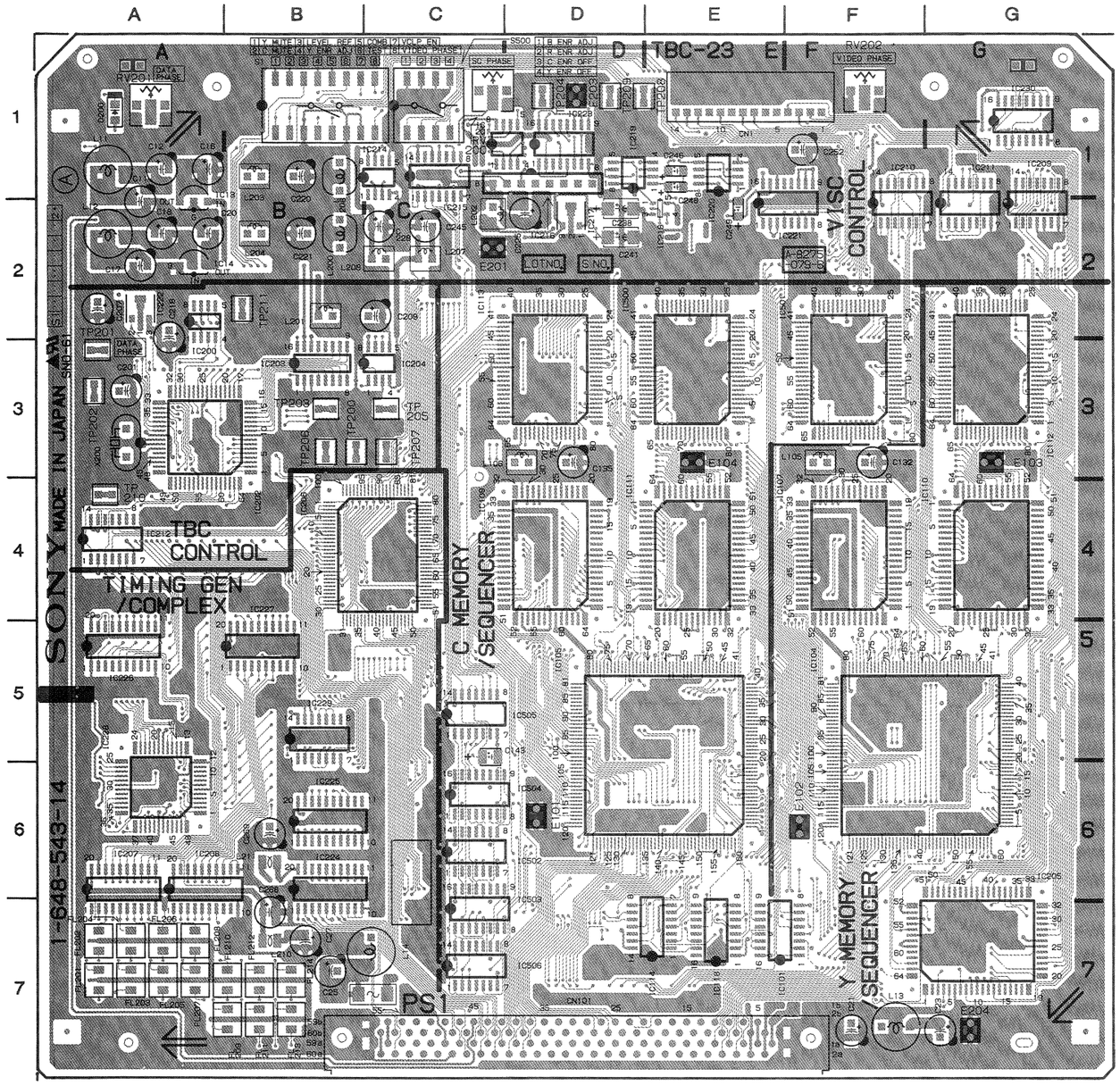
TBC-23 BOARD -B SIDE-

1-648-543-15 (LOT No. 605 - 802)

DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23P	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(J)	; TBC-23	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23 ; TBC (Sequence & Reference blocks)

(Board's Lot No. 501 through 603)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



TBC-23 BOARD -A SIDE-

1-648-543-14 (LOT No. 501 - 603)

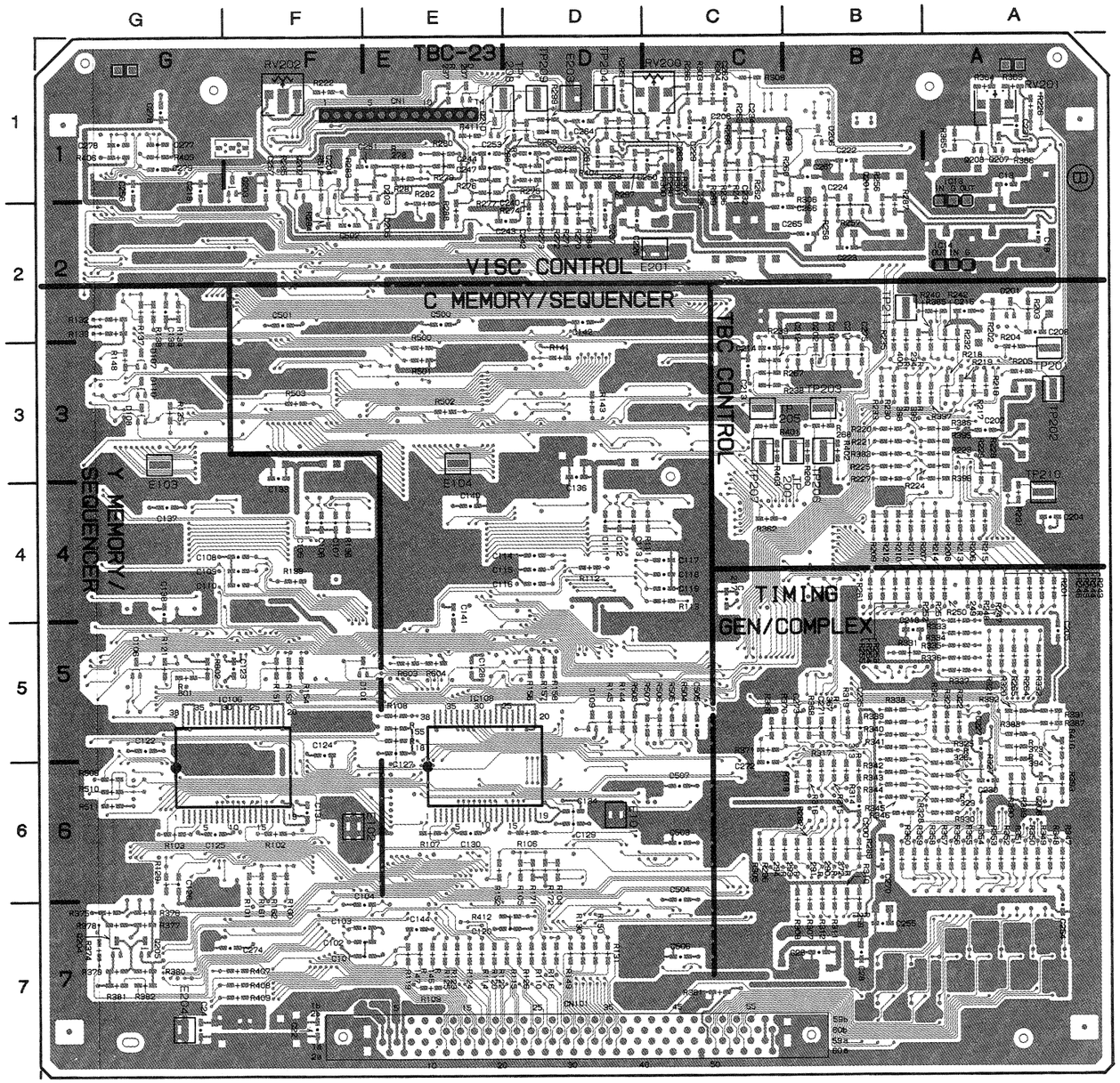
DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23P	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(J)	; TBC-23	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23(1-648-543-14)

CN1	E-1	IC221	E-2
CN101	D-7	IC222	A-2
		IC223	D-1
✱D101	F-5	IC224	B-7
✱D106	G-5	IC225	B-6
✱D107	G-3	IC226	A-5
✱D108	G-3	IC227	B-5
✱D109	D-5	IC228	A-6
✱D110	G-3	IC229	B-5
D200	A-1	IC230	G-1
✱D201	A-2	IC500	E-3
✱D202	B-3	IC501	F-3
✱D203	E-1	IC502	C-6
✱D204	F-1	IC503	C-7
✱D205	E-2	IC504	C-6
✱D206	B-1	IC505	C-5
✱D207	E-1	IC506	C-7
E101	D-6	PS1	C-7
E102	F-6		
E103	G-3	✱Q201	B-2
E104	E-3	✱Q202	F-1
E201	C-2	✱Q203	F-1
E203	D-1	✱Q204	G-7
E204	G-7	✱Q205	G-7
		✱Q206	A-6
FL201	A-7	✱Q207	A-1
FL202	A-7	✱Q208	A-1
FL203	A-7	✱Q210	E-1
FL204	A-7		
FL205	A-7	RV200	C-1
FL206	A-7	RV201	A-1
FL207	A-7	RV202	F-1
FL208	A-7		
FL209	B-7	S1	B-1
FL210	B-7	S500	C-1
FL211	B-7		
FL212	B-7	TP200	B-3
FL213	B-7	TP201	A-3
FL214	B-7	TP202	A-3
		TP203	B-3
IC13	A-2	TP204	D-1
IC14	A-2	TP205	C-3
IC101	F-7	TP206	B-3
IC104	F-6	TP207	C-3
IC105	D-6	TP208	E-1
✱IC106	G-6	TP209	D-1
IC107	F-4	TP210	A-4
✱IC108	E-6	TP211	B-2
IC109	D-4		
IC110	G-4	X200	A-3
IC111	E-4		
IC112	G-3		
IC113	D-3		
IC114	E-7		
IC118	E-7		
IC200	A-2		
IC201	C-1		
IC202	B-3		
IC203	B-3		
IC204	C-3		
IC205	G-7		
IC206	B-4		
IC207	A-7		
IC208	A-7		
IC209	G-2		
IC210	F-2		
IC211	G-2		
IC212	A-4		
IC214	C-1		
IC215	C-1		
IC216	D-1		
IC217	D-2		
IC218	E-2		
IC219	E-1		
IC220	E-1		

✱ : B SIDE

LOT NO. D-2



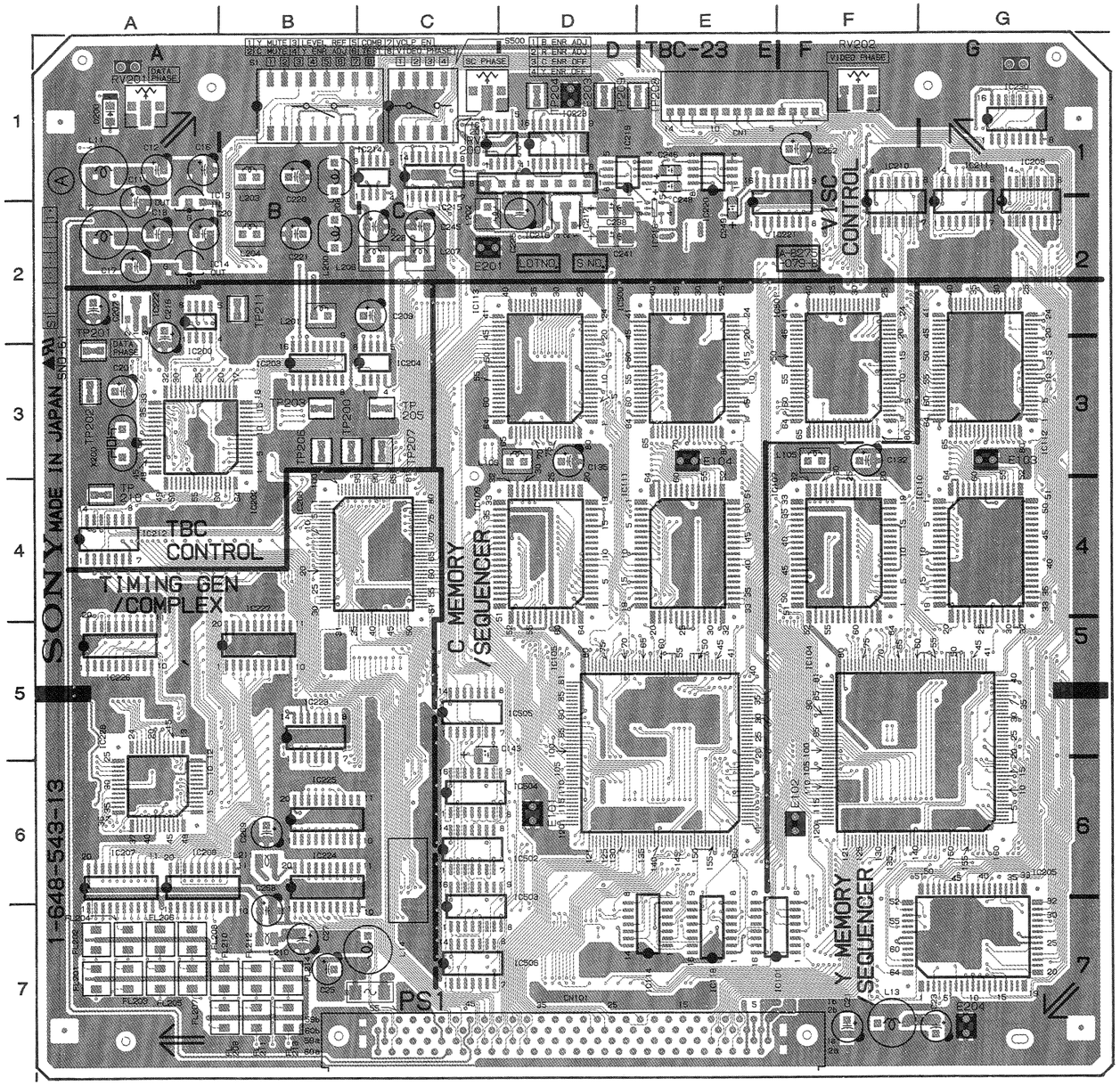
TBC-23 BOARD -B SIDE-

1-648-543-14 (LOT No. 501 - 603)

DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23P	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(J)	; TBC-23	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23 ; TBC (Sequence & Reference blocks)

(Board's Lot No. 312 through 412)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



TBC-23 BOARD -A SIDE-

1-648-543-13 (LOT No. 312 - 412)

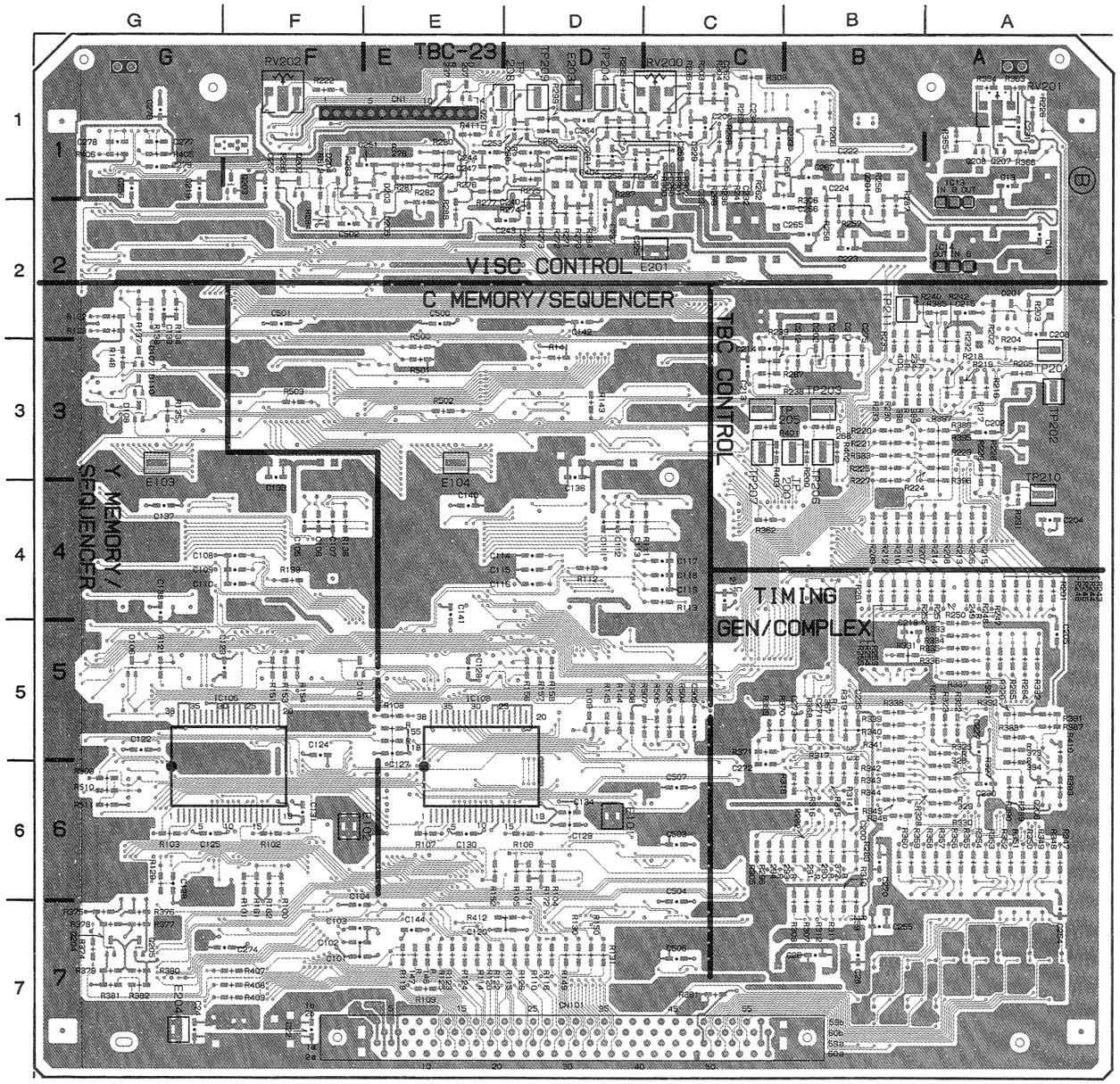
DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23PG	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(J)	; TBC-23	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23(1-648-543-13)

CN1	E-1	IC221	E-2
CN101	D-7	IC222	A-2
		IC223	D-1
✱D101	F-5	IC224	B-7
✱D106	G-5	IC225	B-6
✱D107	G-3	IC226	A-5
✱D108	G-3	IC227	B-5
✱D109	D-5	IC228	A-6
✱D110	G-3	IC229	B-5
D200	A-1	IC230	G-1
✱D201	A-2	IC500	E-3
✱D202	B-3	IC501	F-3
✱D203	E-1	IC502	C-6
✱D204	F-1	IC503	C-7
✱D205	E-2	IC504	C-6
✱D206	B-1	IC505	C-5
✱D207	E-1	IC506	C-7
E101	D-6	PS1	C-7
E102	F-6		
E103	G-3	✱Q201	B-2
E104	E-3	✱Q202	F-1
E201	C-2	✱Q203	F-1
E203	D-1	✱Q204	G-7
E204	G-7	✱Q205	G-7
		✱Q206	A-6
FL201	A-7	✱Q207	A-1
FL202	A-7	✱Q208	A-1
FL203	A-7	✱Q210	E-1
FL204	A-7		
FL205	A-7	RV200	C-1
FL206	A-7	RV201	A-1
FL207	A-7	RV202	F-1
FL208	A-7		
FL209	B-7	S1	B-1
FL210	B-7	S500	C-1
FL211	B-7		
FL212	B-7	TP200	B-3
FL213	B-7	TP201	A-3
FL214	B-7	TP202	A-3
		TP203	B-3
IC13	A-2	TP204	D-1
IC14	A-2	TP205	C-3
IC101	F-7	TP206	B-3
IC104	F-6	TP207	C-3
IC105	D-6	TP208	E-1
✱IC106	G-6	TP209	D-1
IC107	F-4	TP210	A-4
✱IC108	E-6	TP211	B-2
IC109	D-4		
IC110	G-4	X200	A-3
IC111	E-4		
IC112	G-3		
IC113	D-3		
IC114	E-7		
IC118	E-7		
IC200	A-2		
IC201	C-1		
IC202	B-3		
IC203	B-3		
IC204	C-3		
IC205	G-7		
IC206	B-4		
IC207	A-7		
IC208	A-7		
IC209	G-2		
IC210	F-2		
IC211	G-2		
IC212	A-4		
IC214	C-1		
IC215	C-1		
IC216	D-1		
IC217	D-2		
IC218	E-2		
IC219	E-1		
IC220	E-1		

✱ : B SIDE

LOT NO. D-2



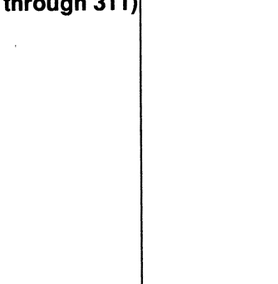
TBC-23 BOARD -B SIDE-

1-648-543-13 (LOT No. 312 - 412)

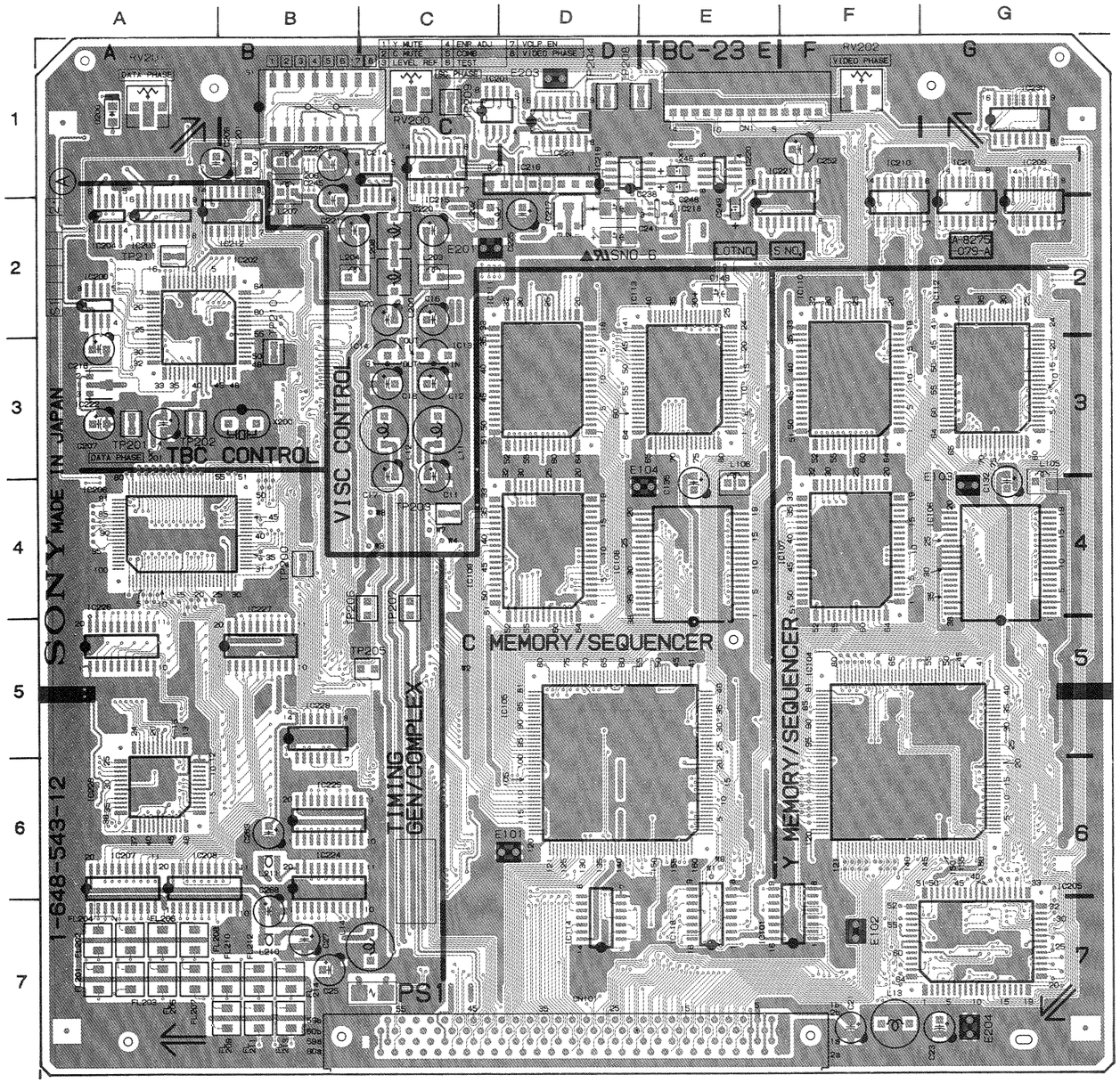
DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23PG	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(J)	; TBC-23	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23 ; TBC (Sequence & Reference blocks)
DUS-679

(Board's Lot No. 305 through 311)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



DUS-679 BOARD -A SIDE-
1-649-068-11



TBC-23 BOARD -A SIDE-
1-648-543-12 (LOT No. 305 - 311)

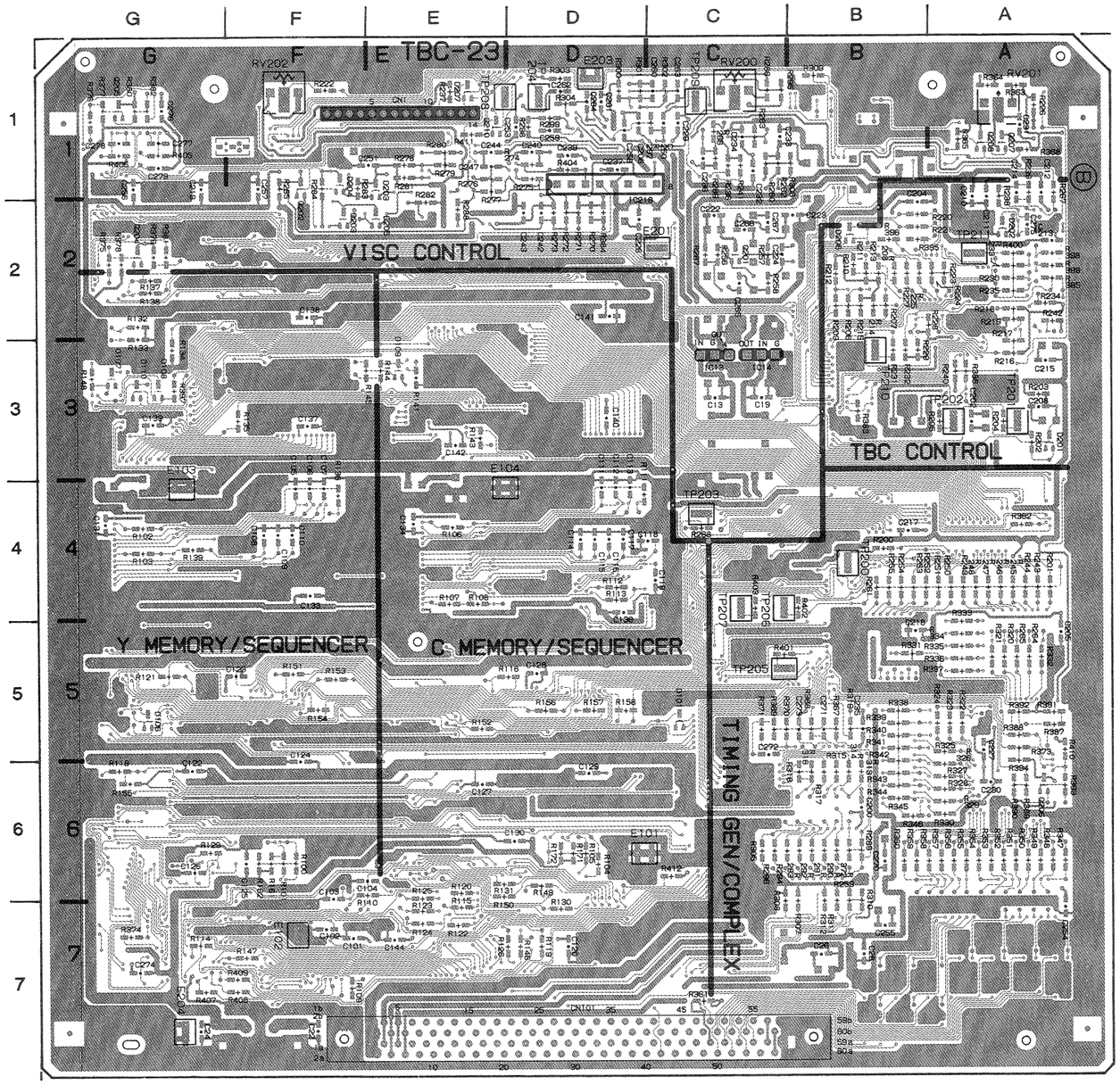
DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23PG	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23(1-648-543-12)

CN1	E-1	IC221	E-2
CN101	D-7	IC222	A-3
		IC223	D-1
✱D101	C-5	IC224	B-7
✱D106	G-5	IC225	B-6
✱D107	G-3	IC226	A-5
✱D108	G-3	IC227	B-5
✱D109	E-3	IC228	A-6
✱D110	G-3	IC229	B-5
D200	A-1	IC230	G-1
✱D201	A-3		
✱D202	A-2	PS1	C-7
✱D203	E-1		
✱D204	F-1	✱Q201	C-2
✱D205	E-2	✱Q202	F-1
✱D206	B-2	✱Q203	F-2
✱D207	E-1	✱Q204	G-2
		✱Q205	G-1
E101	D-6	✱Q206	A-6
E102	F-7	✱Q207	A-1
E103	G-4	✱Q208	A-1
E104	E-4	✱Q210	E-1
E201	C-2		
E203	F-1	RV200	C-1
E204	G-7	RV201	A-1
		RV202	F-1
FL201	A-7		
FL202	A-7	S1	B-1
FL203	A-7		
FL204	A-7	TP200	B-4
FL205	A-7	TP201	A-3
FL206	A-7	TP202	A-3
FL207	A-7	TP203	C-4
FL208	A-7	TP204	D-1
FL209	B-7	TP205	C-5
FL210	B-7	TP206	C-4
FL211	B-7	TP207	C-4
FL212	B-7	TP208	D-1
FL213	B-7	TP209	C-1
FL214	B-7	TP210	B-3
		TP211	A-2
IC13	C-3		
IC14	C-3	X200	B-3
IC101	F-7		
IC104	F-6		
IC105	D-6		
IC106	G-4		
IC107	F-4		
IC108	E-4		
IC109	D-4		
IC110	F-3		
IC111	D-3		
IC112	G-3		
IC113	E-3		
IC114	D-7		
IC118	E-7		
IC200	A-2		
IC201	C-1		
IC202	A-2		
IC203	A-2		
IC204	A-2		
IC205	G-7		
IC206	A-4		
IC207	A-7		
IC208	A-7		
IC209	G-2		
IC210	F-2		
IC211	G-2		
IC212	A-2		
IC214	C-1		
IC215	C-1		
IC216	D-1		
IC217	D-2		
IC218	E-2		
IC219	E-1		
IC220	E-1		

✱ : B SIDE

LOT NO. E-2



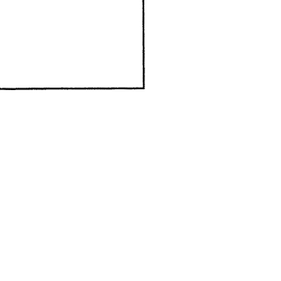
TBC-23 BOARD -B SIDE-

1-648-543-12 (LOT No. 305 - 311)

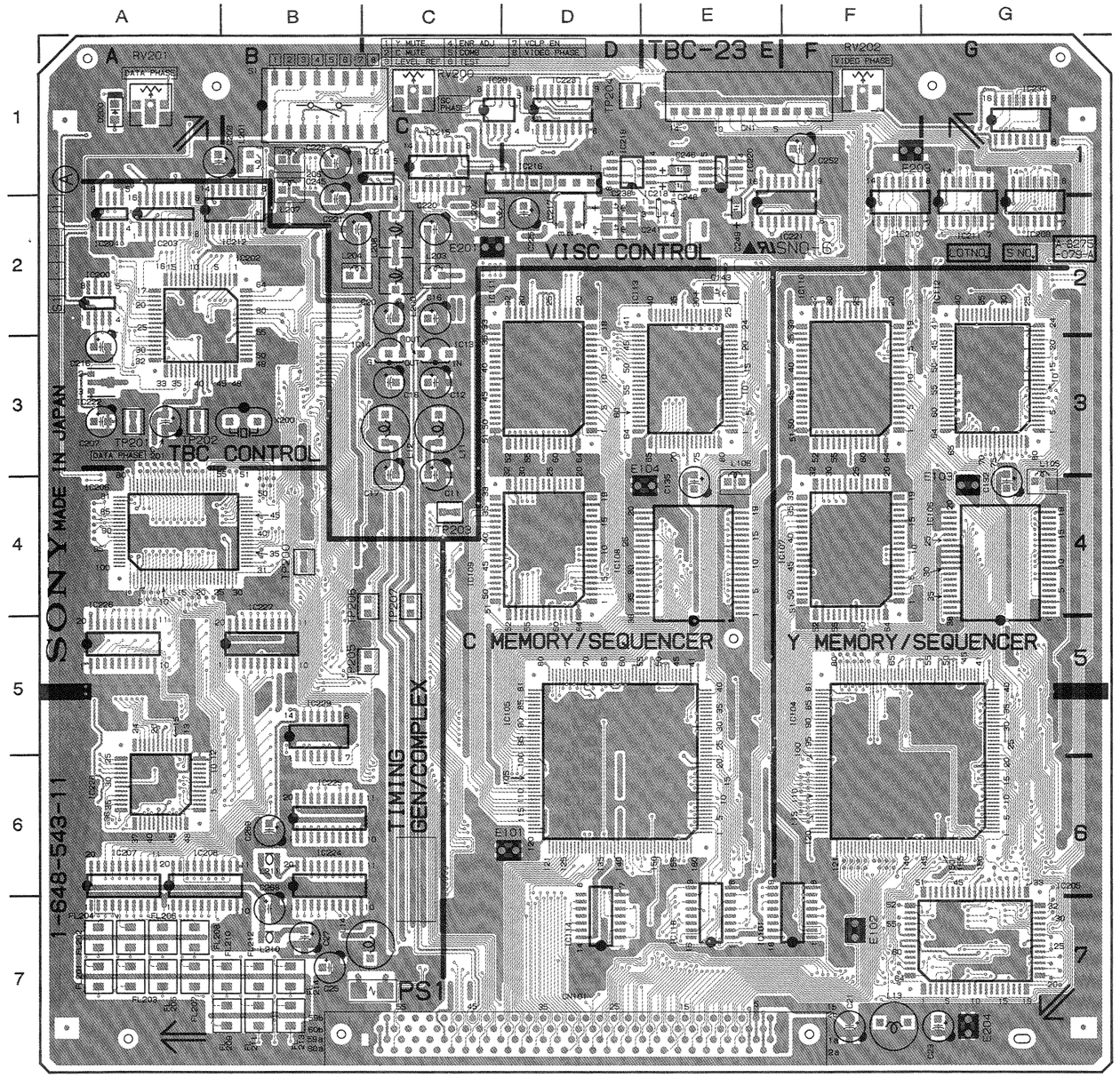
DVW-A500(J)	; TBC-23	MCB
DVW-A500(UC)	; TBC-23	MCB
DVW-A500P(EK)	; TBC-23P	MCB
DVW-A500P(UC)	; TBC-23PG	MCB
DVW-A510(J)	; TBC-23	MCB
DVW-A510(UC)	; TBC-23	MCB
DVW-A510P(EK)	; TBC-23P	MCB
DVW-CA510(UC)	; TBC-23	MCB
DVW-CA510P(EK)	; TBC-23P	MCB

TBC-23 ; TBC (Sequence & Reference blocks)
DUS-679

(Board's Lot No. 302 through 304)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)



DUS-679 BOARD **-A SIDE-**
1-649-068-11



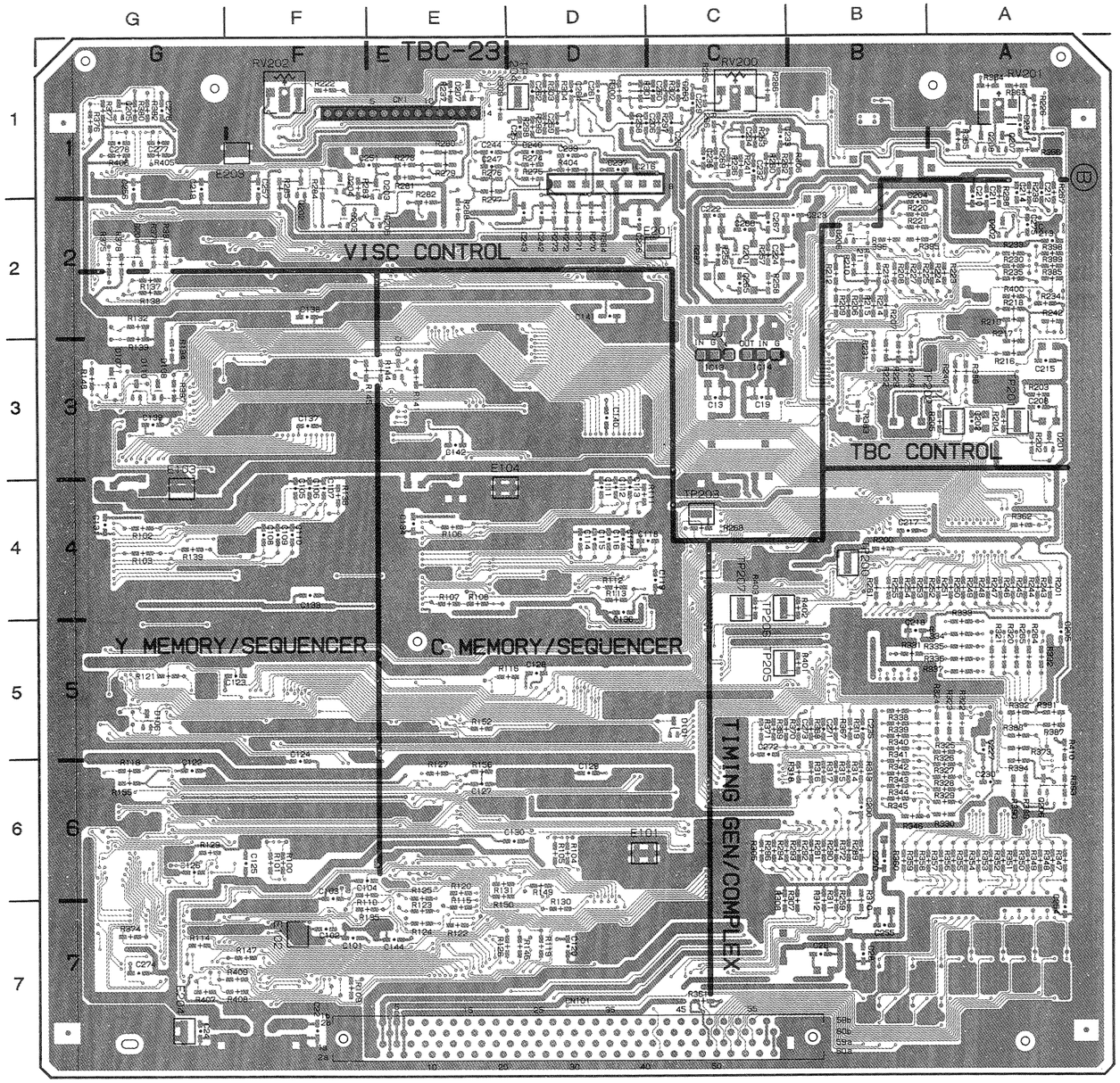
TBC-23 BOARD **-A SIDE-**
1-648-543-11 (LOT No. 302 - 304)
DVW-A500(J) ; TBC-23 MCB
DVW-A500(UC) ; TBC-23 MCB
DVW-A500P(EK) ; TBC-23P MCB

TBC-23(1-648-543-11)

CN1	E-1	IC221	E-2
CN101	D-7	IC222	A-3
		IC223	D-1
✱D101	C-5	IC224	B-7
✱D106	G-5	IC225	B-6
✱D107	G-3	IC226	A-5
✱D108	G-3	IC227	B-5
✱D109	E-3	IC228	A-6
✱D110	G-3	IC229	B-5
D200	A-1	IC230	G-1
✱D201	A-3		
✱D202	A-2	PS1	C-7
✱D203	E-1		
✱D204	F-1	✱Q201	C-2
✱D205	E-2	✱Q202	F-1
✱D206	B-2	✱Q203	F-2
✱D207	E-1	✱Q204	G-2
		✱Q205	G-1
E101	D-6	✱Q206	A-6
E102	F-7	✱Q207	A-1
E103	G-4	✱Q208	A-1
E104	E-4		
E201	C-2	RV200	C-1
E203	F-1	RV201	A-1
E204	G-7	RV202	F-1
FL201	A-7	S1	B-1
FL202	A-7		
FL203	A-7	TP200	B-4
FL204	A-7	TP201	A-3
FL205	A-7	TP202	A-3
FL206	A-7	TP203	C-4
FL207	A-7	TP204	D-1
FL208	A-7	TP205	C-5
FL209	B-7	TP206	C-4
FL210	B-7	TP207	C-4
FL211	B-7		
FL212	B-7	X200	B-3
FL213	B-7		
FL214	B-7		
IC13	C-3		
IC14	C-3		
IC101	F-7		
IC104	F-6		
IC105	D-6		
IC106	G-4		
IC107	F-4		
IC108	E-4		
IC109	D-4		
IC110	F-3		
IC111	D-3		
IC112	G-3		
IC113	E-3		
IC114	D-7		
IC118	E-7		
IC200	A-2		
IC201	C-1		
IC202	A-2		
IC203	A-2		
IC204	A-2		
IC205	G-7		
IC206	A-4		
IC207	A-7		
IC208	A-7		
IC209	G-2		
IC210	F-2		
IC211	G-2		
IC212	A-2		
IC214	C-1		
IC215	C-1		
IC216	D-1		
IC217	D-2		
IC218	E-2		
IC219	E-1		
IC220	E-1		

✱ : B SIDE

LOT NO. E-2

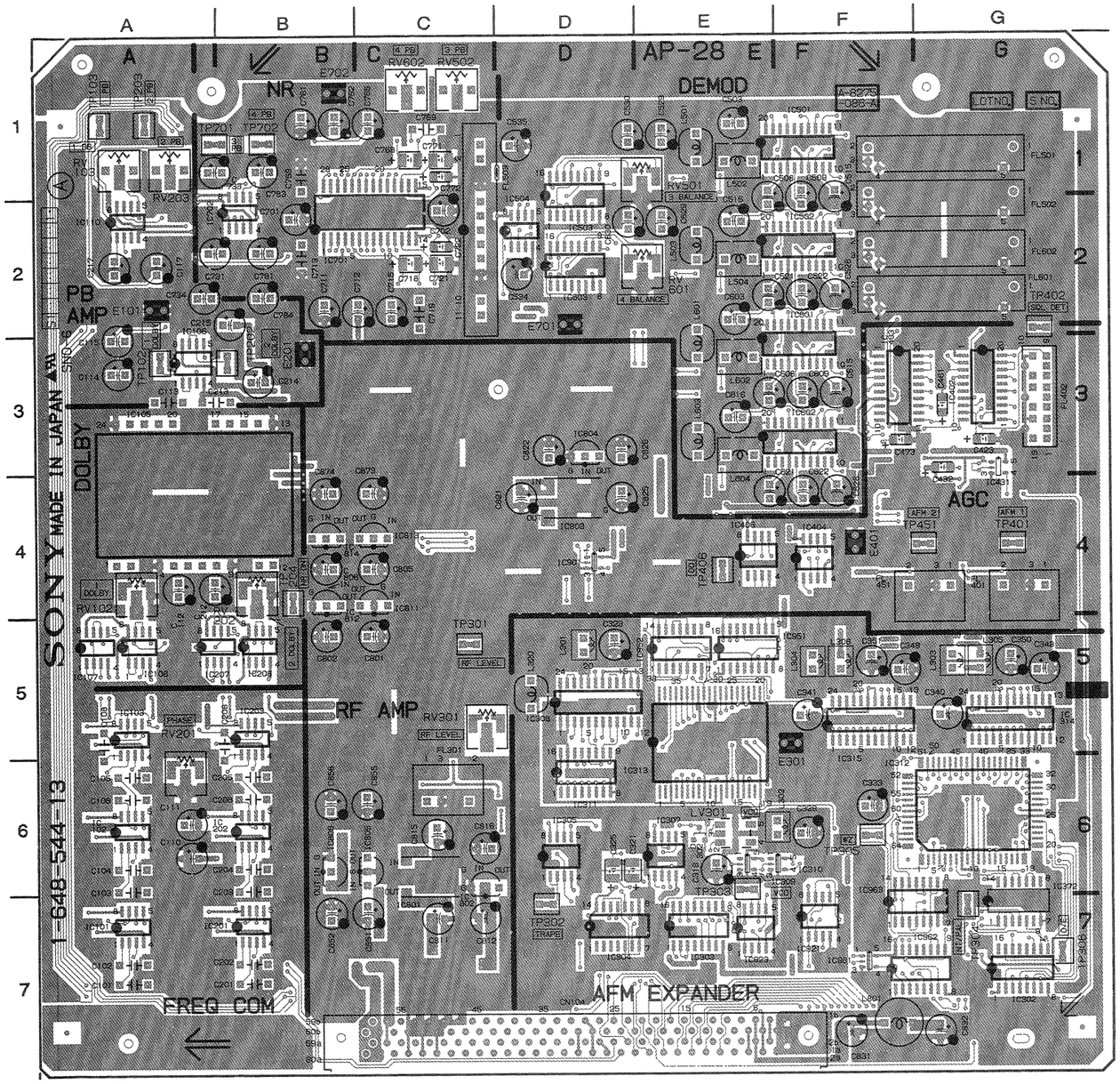


TBC-23 BOARD **-B SIDE-**

1-648-543-11 (LOT No. 302 - 304)
DVW-A500(J) ; TBC-23 MCB
DVW-A500(UC) ; TBC-23 MCB
DVW-A500P(EK) ; TBC-23P MCB

AP-28 ; AFM demodulator & LAU noise reduction

(Board's Lot No. 401 and higher)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



AP-28 BOARD -A SIDE-

1-648-544-13 (LOT No. 401 -)

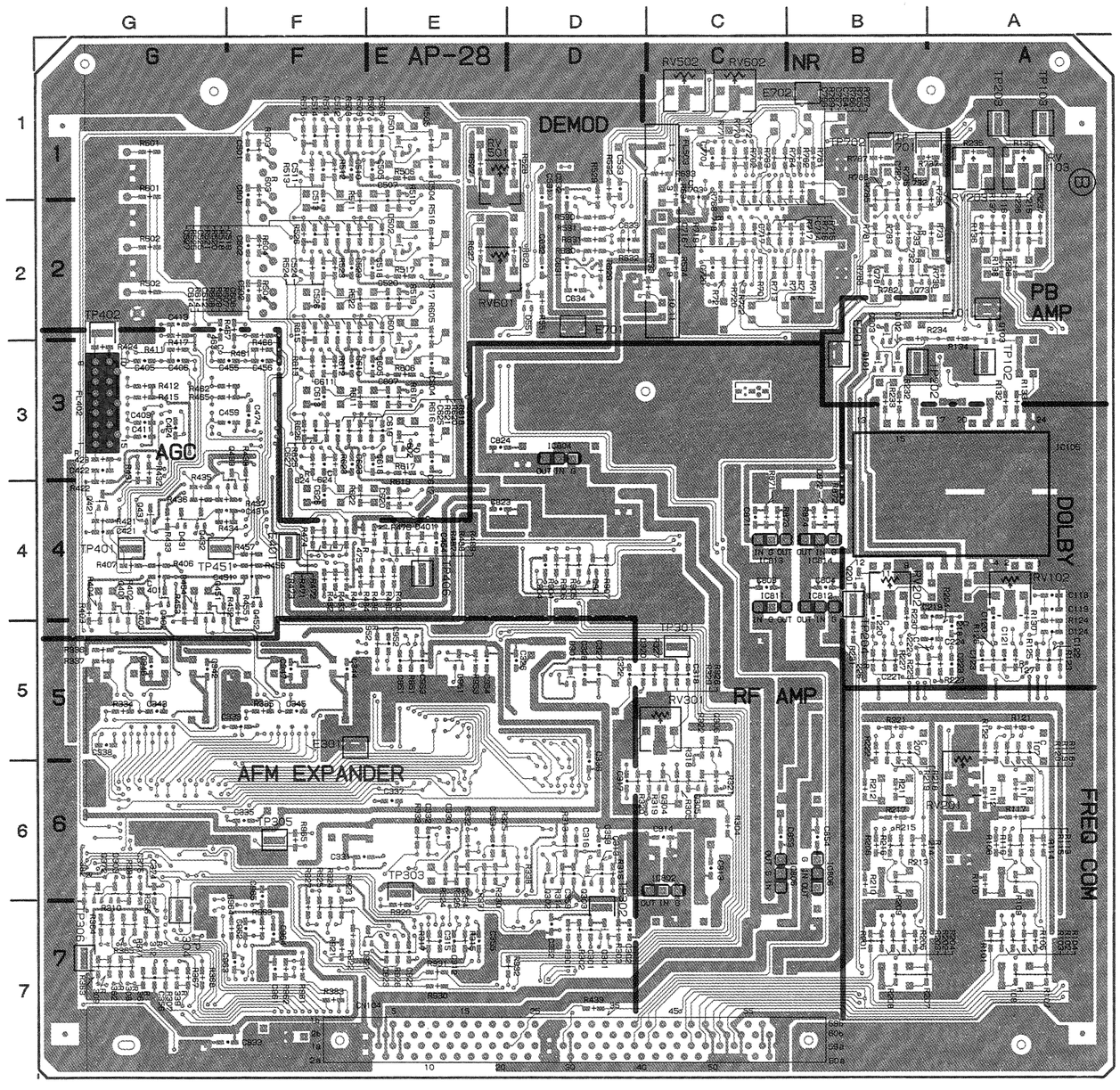
DVW-A500(J)	; AP-28	MCB
DVW-A500(UC)	; AP-28	MCB
DVW-A500P(EK)	; AP-28P	MCB
DVW-A500P(UC)	; AP-28P	MCB
DVW-A510(J)	; AP-28	MCB
DVW-A510(UC)	; AP-28	MCB
DVW-A510P(EK)	; AP-28P	MCB
DVW-CA510(J)	; AP-28	MCB
DVW-CA510(UC)	; AP-28	MCB
DVW-CA510P(EK)	; AP-28P	MCB

AP-28(1-648-544-13)

CN104	D-7	IC804	D-3
		IC805	C-6
✱D301	D-5	IC806	B-6
D302	E-6	IC811	C-4
✱D303	G-6	IC812	B-4
✱D401	E-4	IC813	C-4
✱D431	G-4	IC814	B-4
✱D501	E-1	IC901	D-4
✱D502	E-2	IC921	F-7
✱D551	D-2	IC923	E-7
✱D601	E-3	IC951	E-5
✱D602	E-3	IC952	E-5
✱D921	F-7	IC961	F-7
✱D951	E-5	IC962	F-7
		IC963	F-6
E101	A-2		
E201	B-3	LV301	E-6
E301	F-5		
E401	F-4	✱Q101	B-3
E701	D-2	✱Q102	B-3
E702	B-1	✱Q103	A-2
		✱Q201	B-4
FL301	C-6	✱Q203	B-2
FL401	G-4	✱Q301	D-7
FL402	G-3	✱Q302	D-6
FL451	G-4	✱Q303	D-6
FL501	G-1	✱Q304	C-6
FL502	G-2	✱Q305	C-6
FL503	C-2	✱Q306	C-5
FL601	G-2	✱Q372	G-6
FL602	G-2	✱Q401	G-4
		✱Q402	G-4
IC101	A-7	✱Q421	G-4
IC102	A-6	✱Q431	G-4
IC103	A-5	✱Q432	G-4
IC105	A-4	✱Q433	F-3
IC106	A-3	✱Q451	G-4
IC107	A-5	✱Q452	F-4
IC108	A-5	✱Q731	A-2
IC110	A-2	✱Q781	B-2
IC201	B-7	✱Q901	D-4
IC202	B-6		
IC203	B-5	RV102	A-4
IC207	A-5	RV103	A-1
IC208	B-5	RV201	A-6
IC302	G-7	RV202	B-4
IC303	E-7	RV203	A-1
IC304	D-7	RV301	C-5
IC305	D-6	RV501	E-1
IC307	E-6	RV502	C-1
IC308	D-5	RV601	E-2
IC309	E-6	RV602	C-1
IC310	E-6		
IC311	D-6	TP102	A-3
IC312	G-6	TP103	A-1
IC313	E-6	TP202	B-3
IC314	G-5	TP203	A-1
IC315	F-5	TP204	B-4
IC372	G-7	TP301	C-5
IC402	G-3	TP302	D-7
IC403	F-3	TP303	E-6
IC404	F-4	TP304	G-7
IC406	E-4	TP305	F-6
IC431	G-3	TP306	G-7
IC501	E-1	TP401	G-4
IC502	E-2	TP402	G-2
IC503	D-2	TP406	E-2
IC504	D-2	TP451	F-4
IC601	E-3	TP701	A-1
IC602	E-3	TP702	B-1
IC603	D-2		
IC701	B-2		
IC702	B-2		
IC801	C-6		
IC802	C-6		
IC803	D-4		

✱ : B SIDE

LOT NO. G-1



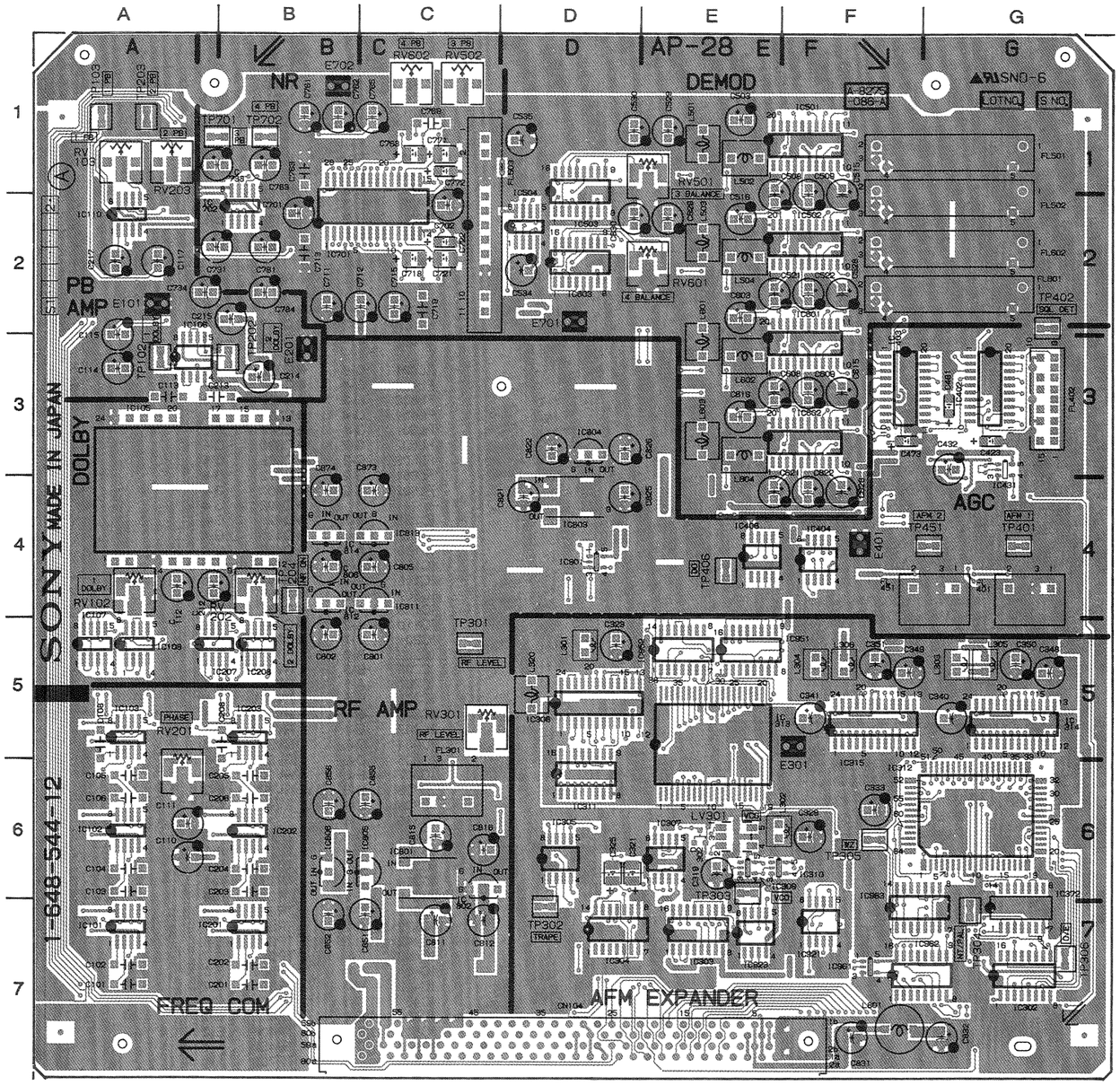
AP-28 BOARD -B SIDE-

1-648-544-13 (LOT No. 401 -)

DVW-A500(J)	; AP-28	MCB
DVW-A500(UC)	; AP-28	MCB
DVW-A500P(EK)	; AP-28P	MCB
DVW-A500P(UC)	; AP-28P	MCB
DVW-A510(J)	; AP-28	MCB
DVW-A510(UC)	; AP-28	MCB
DVW-A510P(EK)	; AP-28P	MCB
DVW-CA510(J)	; AP-28	MCB
DVW-CA510(UC)	; AP-28	MCB
DVW-CA510P(EK)	; AP-28P	MCB

AP-28 ; AFM demodulator & LAU noise reduction

(Board's Lot No. 305 through 312)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



AP-28 BOARD -A SIDE-

1-648-544-12 (LOT No. 305 - 312)

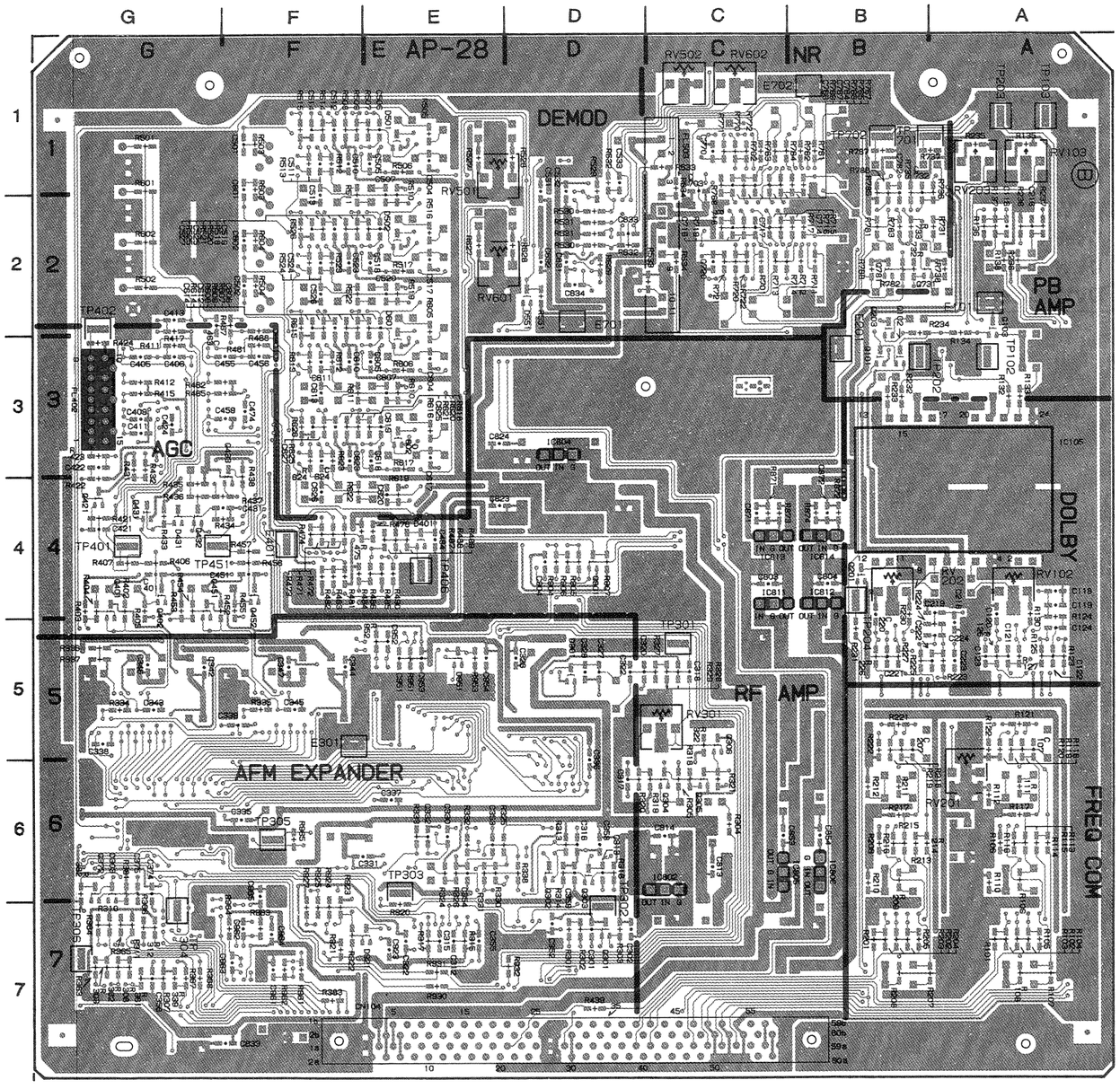
DVW-A500(J)	; AP-28	MCB
DVW-A500(UC)	; AP-28	MCB
DVW-A500P(EK)	; AP-28P	MCB
DVW-A500P(UC)	; AP-28P	MCB
DVW-A510(J)	; AP-28	MCB
DVW-A510(UC)	; AP-28	MCB
DVW-A510P(EK)	; AP-28P	MCB
DVW-CA510(UC)	; AP-28	MCB
DVW-CA510P(EK)	; AP-28P	MCB

AP-28(1-648-544-12)

CN104	D-7	IC804	D-3
		IC805	C-6
✱D301	D-5	IC806	B-6
D302	E-6	IC811	C-4
✱D303	G-6	IC812	B-4
✱D401	E-4	IC813	C-4
✱D431	G-4	IC814	B-4
✱D501	E-1	IC901	D-4
✱D502	E-2	IC921	F-7
✱D551	D-2	IC923	E-7
✱D601	E-3	IC951	E-5
✱D602	E-3	IC952	E-5
✱D921	F-7	IC961	F-7
✱D951	E-5	IC962	F-7
		IC963	F-6
E101	A-2		
E201	B-3	LV301	E-6
E301	F-5		
E401	F-4	✱Q101	B-3
E701	D-2	✱Q102	B-3
E702	B-1	✱Q103	A-2
		✱Q201	B-4
FL301	C-6	✱Q203	B-2
FL401	G-4	✱Q301	D-7
FL402	G-3	✱Q302	D-6
FL451	G-4	✱Q303	D-6
FL501	G-1	✱Q304	C-6
FL502	G-2	✱Q305	C-6
FL503	C-2	✱Q306	C-5
FL601	G-2	✱Q372	G-6
FL602	G-2	✱Q401	G-4
		✱Q402	G-4
IC101	A-7	✱Q421	G-4
IC102	A-6	✱Q431	G-4
IC103	A-5	✱Q432	G-4
IC105	A-4	✱Q433	F-3
IC106	A-3	✱Q451	G-4
IC107	A-5	✱Q452	F-4
IC108	A-5	✱Q731	A-2
IC110	A-2	✱Q781	B-2
IC201	B-7	✱Q901	D-4
IC202	B-6		
IC203	B-5	RV102	A-4
IC207	A-5	RV103	A-1
IC208	B-5	RV201	A-6
IC302	G-7	RV202	B-4
IC303	E-7	RV203	A-1
IC304	D-7	RV301	C-5
IC305	D-6	RV501	E-1
IC307	E-6	RV502	C-1
IC308	D-5	RV601	E-2
IC309	E-6	RV602	C-1
IC310	E-6		
IC311	D-6	TP102	A-3
IC312	G-6	TP103	A-1
IC313	E-6	TP202	B-3
IC314	G-5	TP203	A-1
IC315	F-5	TP204	B-4
IC372	G-7	TP301	C-5
IC402	G-3	TP302	D-7
IC403	F-3	TP303	E-6
IC404	F-4	TP304	G-7
IC406	E-4	TP305	F-6
IC431	G-3	TP306	G-7
IC501	E-1	TP401	G-4
IC502	E-2	TP402	G-2
IC503	D-2	TP406	E-2
IC504	D-2	TP451	F-4
IC601	E-3	TP701	A-1
IC602	E-3	TP702	B-1
IC603	D-2		
IC701	B-2		
IC702	B-2		
IC801	C-6		
IC802	C-6		
IC803	D-4		

✱ : B SIDE

LOT NO. G-1



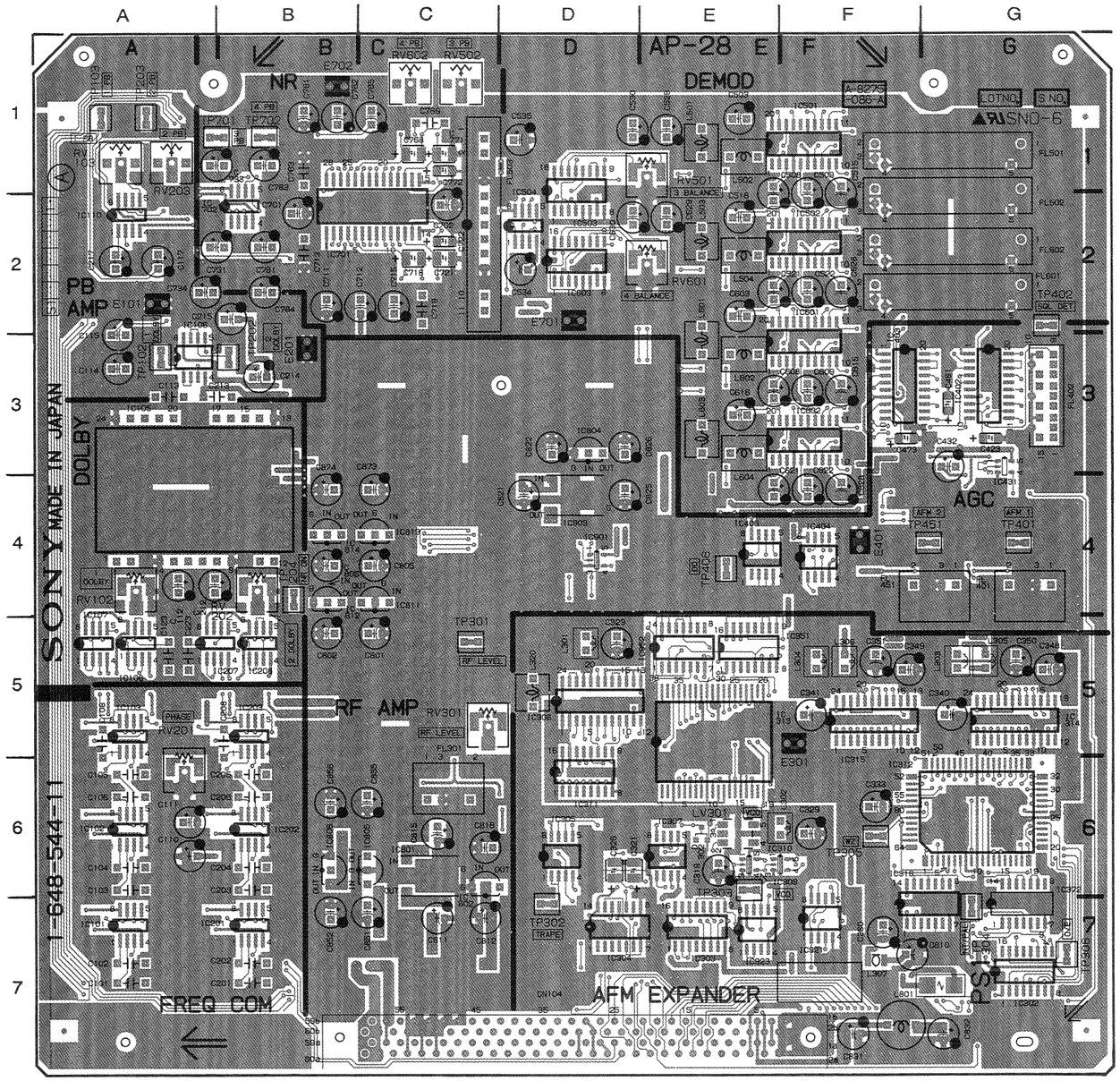
AP-28 BOARD -B SIDE-

1-648-544-12 (LOT No. 305 - 312)

DVW-A500(J)	; AP-28	MCB
DVW-A500(UC)	; AP-28	MCB
DVW-A500P(EK)	; AP-28P	MCB
DVW-A500P(UC)	; AP-28P	MCB
DVW-A510(J)	; AP-28	MCB
DVW-A510(UC)	; AP-28	MCB
DVW-A510P(EK)	; AP-28P	MCB
DVW-CA510(UC)	; AP-28	MCB
DVW-CA510P(EK)	; AP-28P	MCB

AP-28 ; AFM demodulator & LAU noise reduction

(Board's Lot No. 302 through 304)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)



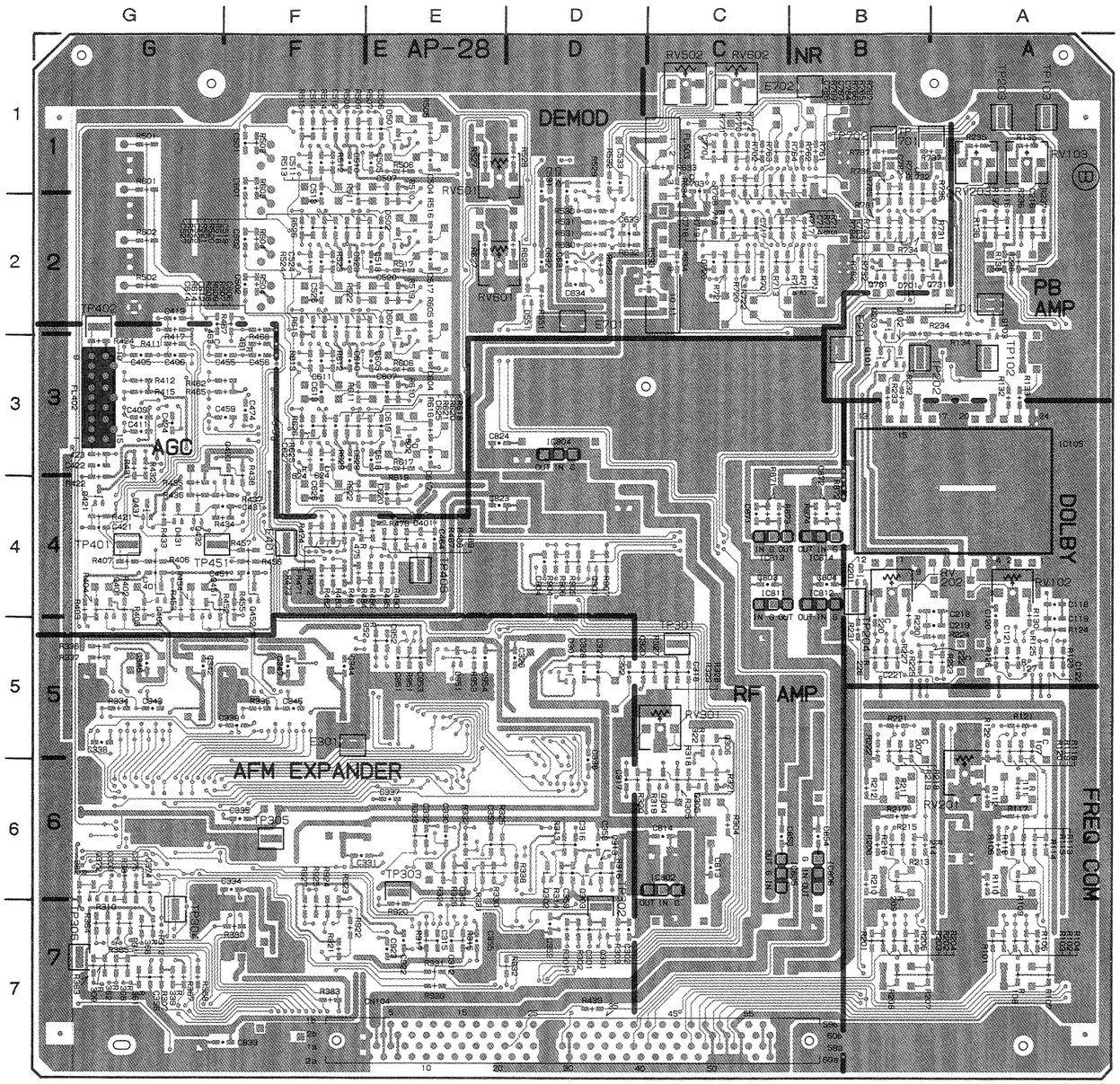
AP-28 BOARD -A SIDE-
1-648-544-11 (LOT No. 302 - 304)
DVW-A500(J) ; AP-28 MCB
DVW-A500(UC) ; AP-28 MCB
DVW-A500P(EK) ; AP-28P MCB

AP-28(1-648-544-11)

CN104	D-7	IC803	D-4
		IC804	D-3
✱D301	D-5	IC805	C-6
D302	E-6	IC806	B-6
✱D303	G-6	IC811	C-4
✱D401	E-4	IC812	B-4
✱D431	G-4	IC813	C-4
✱D501	E-1	IC814	B-4
✱D502	E-2	IC901	D-4
✱D551	D-2	IC921	F-7
✱D601	E-3	IC923	E-7
✱D602	E-3	IC951	E-5
✱D701	B-2	IC952	E-5
✱D951	E-5		
		LV301	E-6
E101	A-2		
E201	B-3	PS1	G-7
E301	F-5		
E401	F-4	✱Q101	B-3
E701	D-2	✱Q102	B-3
E702	B-1	✱Q103	A-2
		✱Q201	B-4
FL301	C-6	✱Q203	B-2
FL401	G-4	✱Q301	D-7
FL402	G-3	✱Q302	D-6
FL451	G-4	✱Q303	D-6
FL501	G-1	✱Q304	C-6
FL502	G-2	✱Q305	C-6
FL503	C-2	✱Q306	C-5
FL601	G-2	✱Q372	G-6
FL602	G-2	✱Q401	G-4
		✱Q402	G-4
IC101	A-7	✱Q421	G-4
IC102	A-6	✱Q431	G-4
IC103	A-5	✱Q432	G-4
IC105	A-4	✱Q433	F-3
IC106	A-3	✱Q451	G-4
IC107	A-5	✱Q452	F-4
IC108	A-5	✱Q731	A-2
IC110	A-2	✱Q781	B-2
IC201	B-7	✱Q901	D-4
IC202	B-6		
IC203	B-5	RV102	A-4
IC207	A-5	RV103	A-1
IC208	B-5	RV201	A-6
IC302	G-7	RV202	B-4
IC303	E-7	RV203	A-1
IC304	D-7	RV301	C-5
IC305	D-6	RV501	E-1
IC307	E-6	RV502	C-1
IC308	D-5	RV601	E-2
IC309	E-6	RV602	C-1
IC310	E-6		
IC311	D-6	TP102	A-3
IC312	G-6	TP103	A-1
IC313	E-6	TP202	B-3
IC314	G-5	TP203	A-1
IC315	F-5	TP204	B-4
IC316	F-7	TP301	C-5
IC372	G-7	TP302	D-7
IC402	G-3	TP303	E-6
IC403	F-3	TP304	G-7
IC404	F-4	TP305	F-6
IC406	E-4	TP306	G-7
IC431	G-3	TP401	G-4
IC501	E-1	TP402	G-2
IC502	E-2	TP406	E-2
IC503	D-2	TP451	F-4
IC504	D-2	TP701	A-1
IC601	E-3	TP702	B-1
IC602	E-3		
IC603	D-2		
IC701	B-2		
IC702	B-2		
IC801	C-6		
IC802	C-6		

✱ : B SIDE

LOT NO. G-1

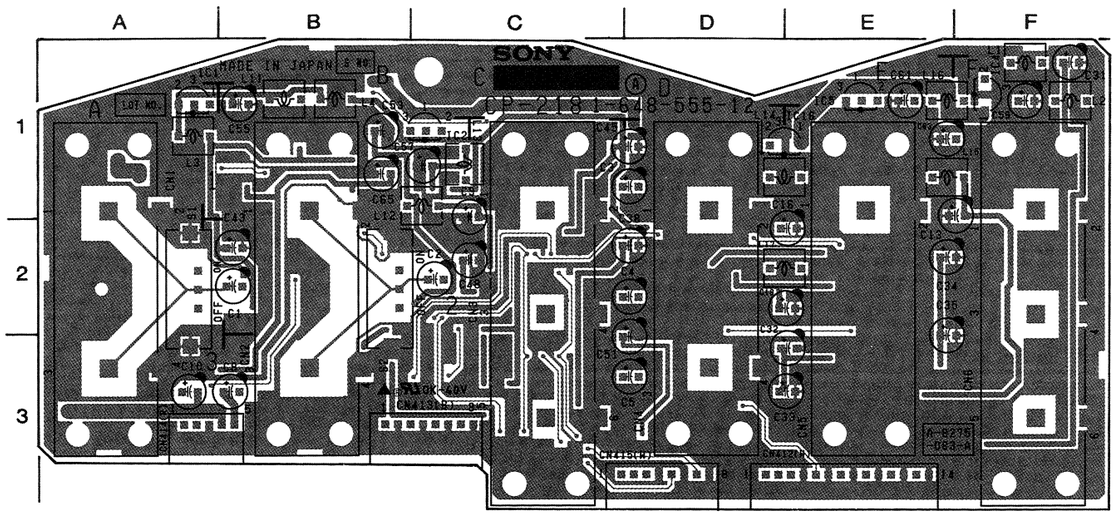


AP-28 BOARD -B SIDE-

1-648-544-11 (LOT No. 302 - 304)
DVW-A500(J) ; AP-28 MCB
DVW-A500(UC) ; AP-28 MCB
DVW-A500P(EK) ; AP-28P MCB

CP-218 ; Rear connector board (Analog video)

(Board's Lot No. 307 and higher)
All recorder models



CP-218 BOARD -A SIDE-

1-648-555-12 (LOT No. 307 -)

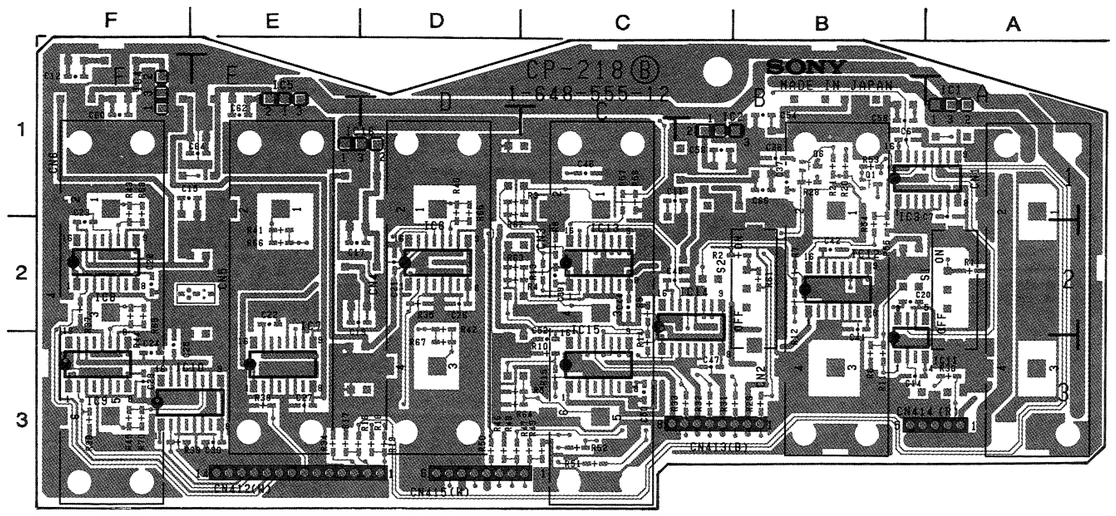
DVW-A500(J)	; CP-218	MCB
DVW-A500(UC)	; CP-218	MCB
DVW-A500P(EK)	; CP-218	MCB
DVW-A500P(UC)	; CP-218	MCB
DVW-500(J)	; CP-218	MCB
DVW-500(UC)	; CP-218	MCB
DVW-500P(EK)	; CP-218	MCB
DVW-500P(UC)	; CP-218	MCB

CP-218(1-648-555-12)

CN1	A-2
CN2	B-2
CN3	C-2
CN4	D-2
CN5	E-2
CN6	F-2
CN412	E-3
CN413	C-3
CN414	A-3
CN415	D-3
IC1	A-1
IC2	C-1
✱IC3	B-1
IC4	F-1
✱IC5	E-2
✱IC6	E-2
✱IC7	E-3
✱IC8	F-2
✱IC9	F-3
✱IC10	F-3
✱IC11	B-3
✱IC12	B-2
✱IC13	C-2
✱IC14	C-3
✱IC15	C-3
IC16	D-1
✱Q1	B-1
✱Q6	B-1
S1	A-2
S2	B-2

✱ : B SIDE

LOT NO. A-1



CP-218 BOARD -B SIDE-

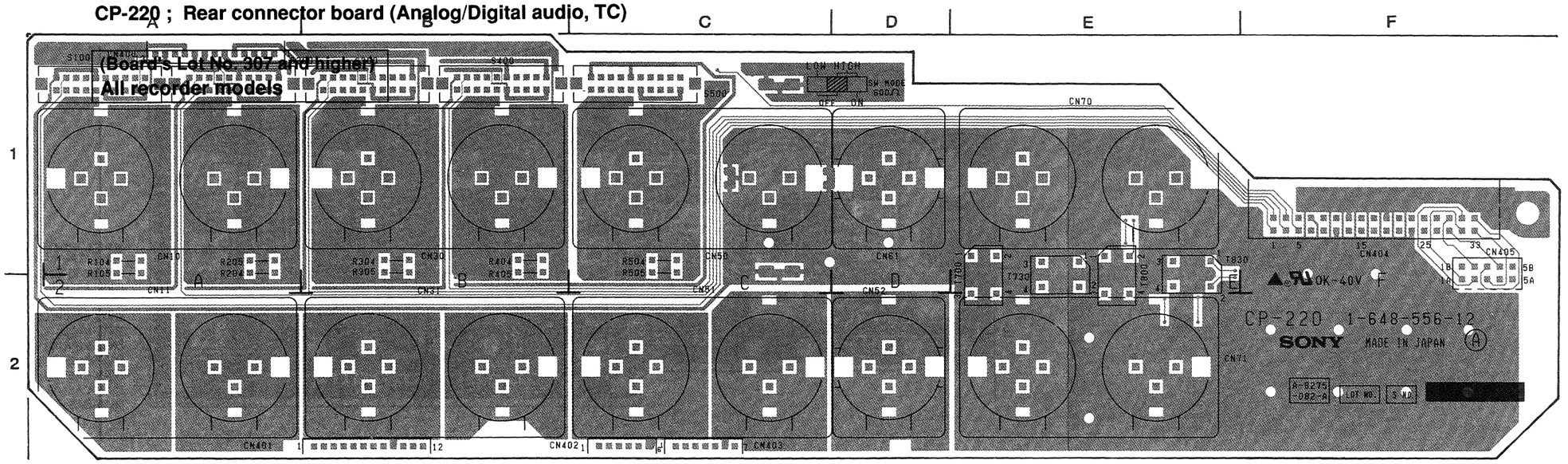
1-648-555-12 (LOT No. 307 -)

DVW-A500(J)	; CP-218	MCB
DVW-A500(UC)	; CP-218	MCB
DVW-A500P(EK)	; CP-218	MCB
DVW-A500P(UC)	; CP-218	MCB
DVW-500(J)	; CP-218	MCB
DVW-500(UC)	; CP-218	MCB
DVW-500P(EK)	; CP-218	MCB
DVW-500P(UC)	; CP-218	MCB

CP-220 ; Rear connector board (Analog/Digital audio, TC)

(Board's Lot No. 307 and higher)

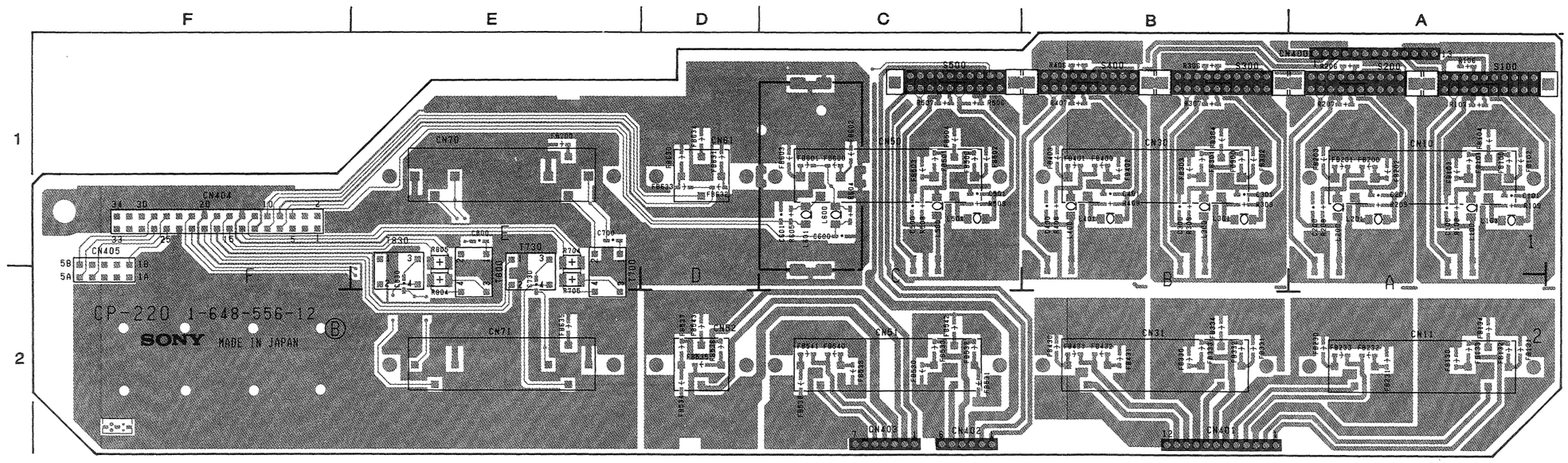
All recorder models



CP-220 BOARD -A SIDE-

1-648-556-12 (LOT No. 307 -)

DVW-A500(J)	; CP-220J	MCB
DVW-A500(UC)	; CP-220	MCB
DVW-A500P(EK)	; CP-220	MCB
DVW-A500P(UC)	; CP-220	MCB
DVW-500(J)	; CP-220J	MCB
DVW-500(UC)	; CP-220	MCB
DVW-500P(EK)	; CP-220	MCB
DVW-500P(UC)	; CP-220	MCB



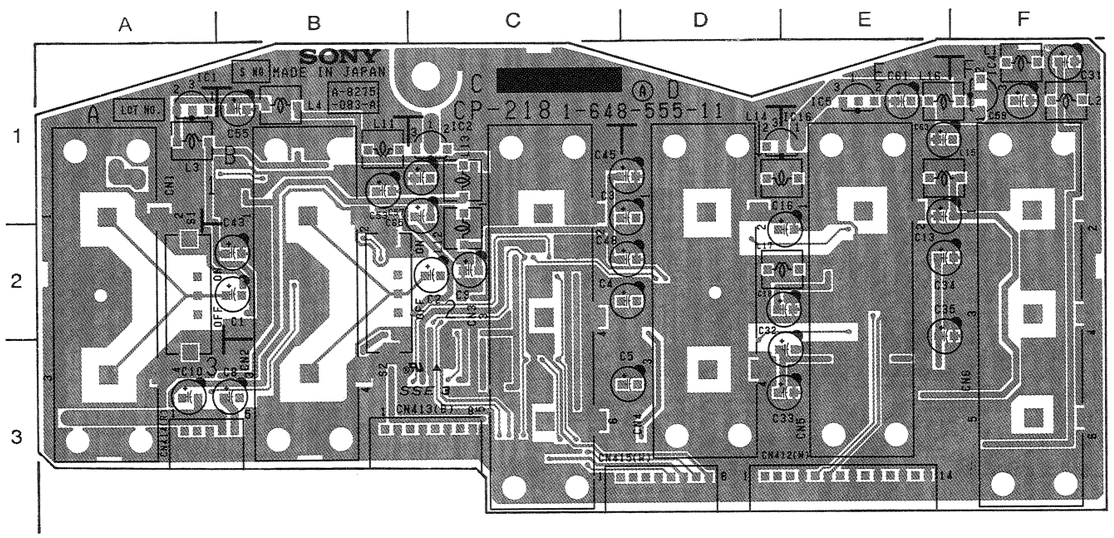
CP-220 BOARD -B SIDE-

1-648-556-12 (LOT No. 307 -)

DVW-A500(J)	; CP-220J	MCB
DVW-A500(UC)	; CP-220	MCB
DVW-A500P(EK)	; CP-220	MCB
DVW-A500P(UC)	; CP-220	MCB
DVW-500(J)	; CP-220J	MCB
DVW-500(UC)	; CP-220	MCB
DVW-500P(EK)	; CP-220	MCB
DVW-500P(UC)	; CP-220	MCB

CP-218 ; Rear connector board (Analog video)

(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)



CP-218 BOARD -A SIDE-

1-648-555-11 (LOT No. 302 - 306)

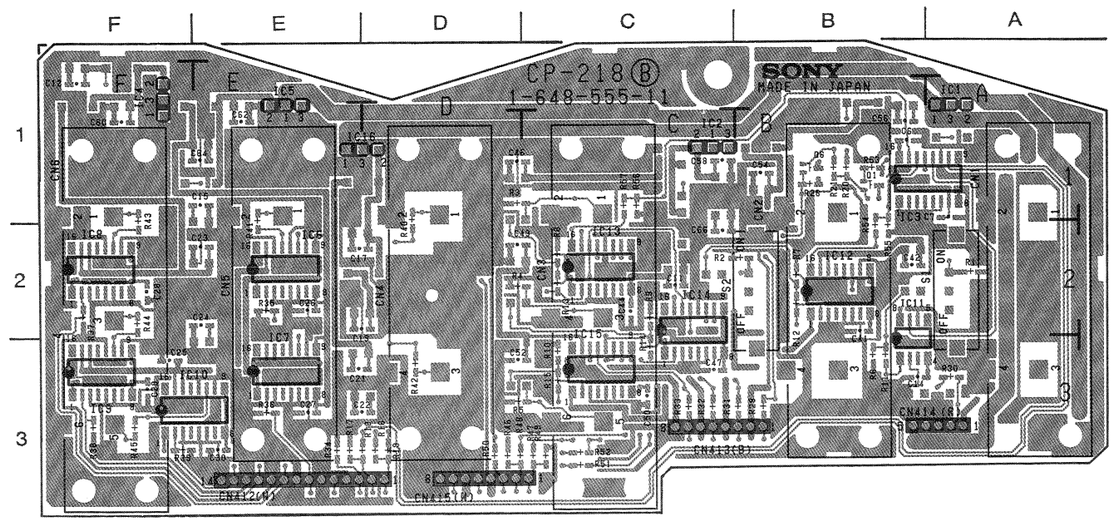
DVW-A500(J)	; CP-218	MCB
DVW-A500(UC)	; CP-218	MCB
DVW-A500P(EK)	; CP-218	MCB
DVW-A500P(UC)	; CP-218	MCB
DVW-500(J)	; CP-218	MCB
DVW-500(UC)	; CP-218	MCB
DVW-500P(EK)	; CP-218	MCB

CP-218(1-648-555-11)

CN1	A-2
CN2	B-2
CN3	C-2
CN4	D-2
CN5	E-2
CN6	F-2
CN412	E-3
CN413	C-3
CN414	A-3
CN415	D-3
IC1	A-1
IC2	C-1
✱IC3	B-1
IC4	F-1
✱IC5	E-2
✱IC6	E-2
✱IC7	E-3
✱IC8	F-2
✱IC9	F-3
✱IC10	F-3
✱IC11	B-3
✱IC12	B-2
✱IC13	C-2
✱IC14	C-3
✱IC15	C-3
IC16	D-1
✱Q1	B-1
✱Q6	B-1
S1	A-2
S2	B-2

✱: B SIDE

LOT NO. A-1



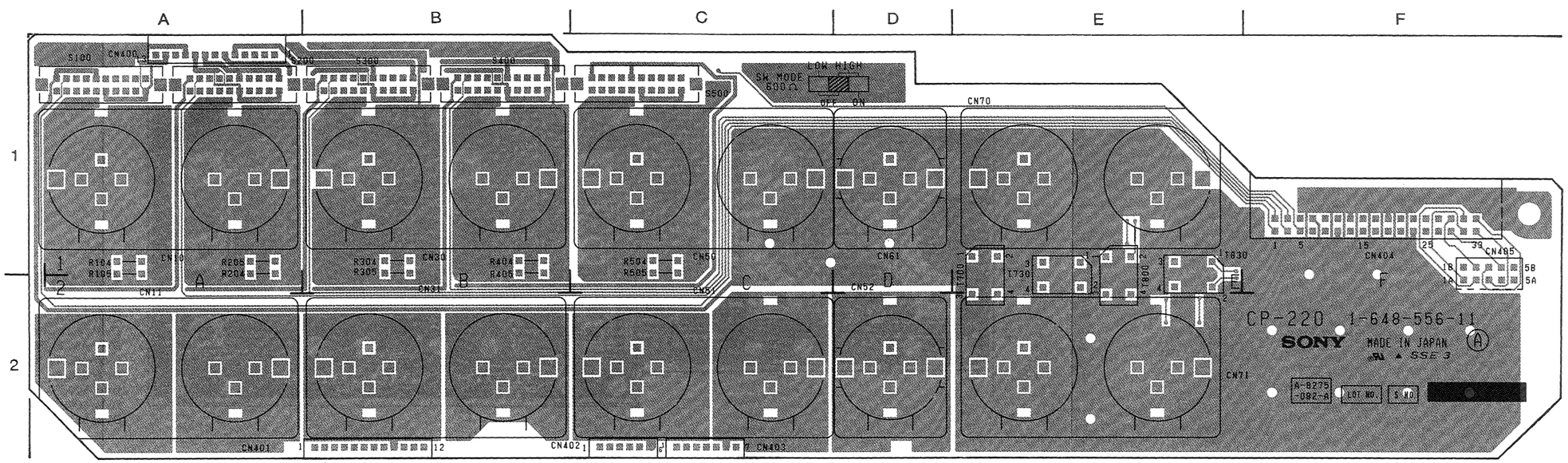
CP-218 BOARD -B SIDE-

1-648-555-11 (LOT No. 302 - 306)

DVW-A500(J)	; CP-218	MCB
DVW-A500(UC)	; CP-218	MCB
DVW-A500P(EK)	; CP-218	MCB
DVW-A500P(UC)	; CP-218	MCB
DVW-500(J)	; CP-218	MCB
DVW-500(UC)	; CP-218	MCB
DVW-500P(EK)	; CP-218	MCB

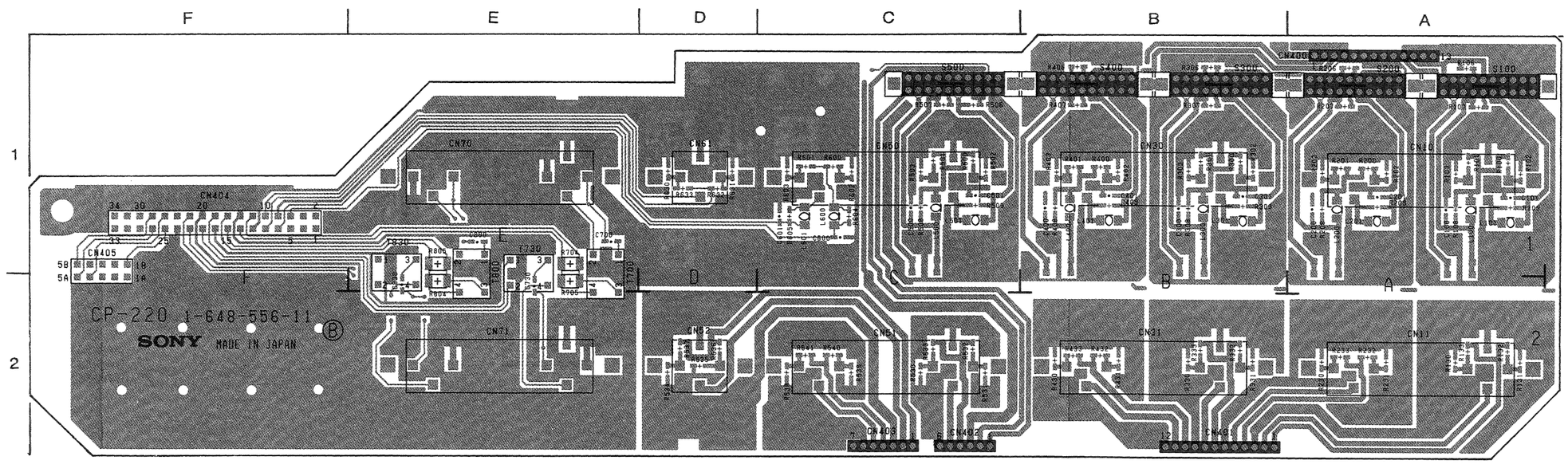
CP-220 ; Rear connector board (Analog/Digital audio, TC)

(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)



CP-220 BOARD -A SIDE-

1-648-556-11 (LOT No. 302 - 306)
DVW-A500(J) ; CP-220J MCB
DVW-A500(UC) ; CP-220 MCB
DVW-A500P(EK) ; CP-220 MCB
DVW-A500P(UC) ; CP-220 MCB
DVW-500(J) ; CP-220J MCB
DVW-500(UC) ; CP-220 MCB
DVW-500P(EK) ; CP-220 MCB

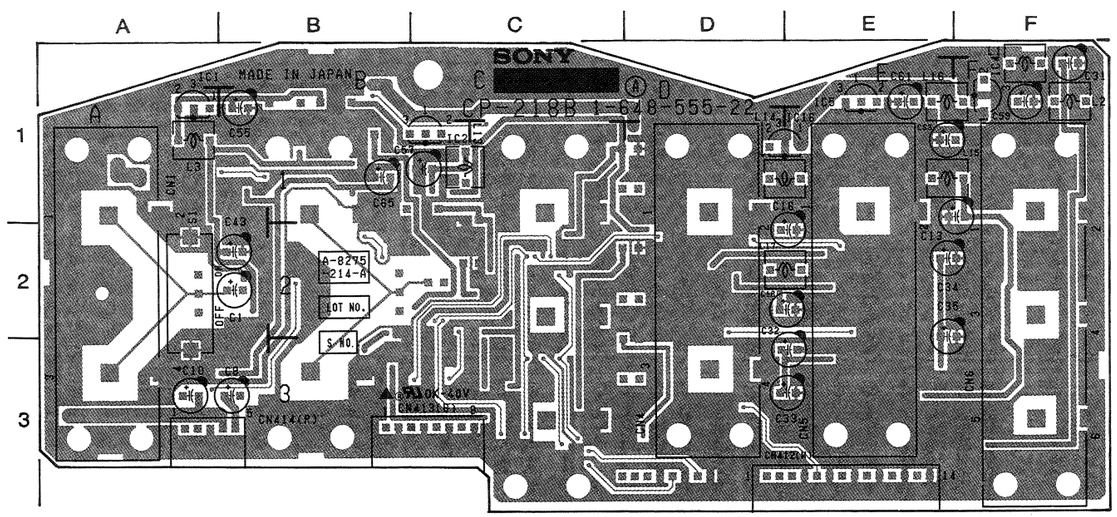


CP-220 BOARD -B SIDE-

1-648-556-11 (LOT No. 302 - 306)
DVW-A500(J) ; CP-220J MCB
DVW-A500(UC) ; CP-220 MCB
DVW-A500P(EK) ; CP-220 MCB
DVW-A500P(UC) ; CP-220 MCB
DVW-500(J) ; CP-220J MCB
DVW-500(UC) ; CP-220 MCB
DVW-500P(EK) ; CP-220 MCB

CP-218B ; Rear connector board (Analog video)

(Board's Lot No. 307 and higher)
All player models



CP-218B BOARD -A SIDE-

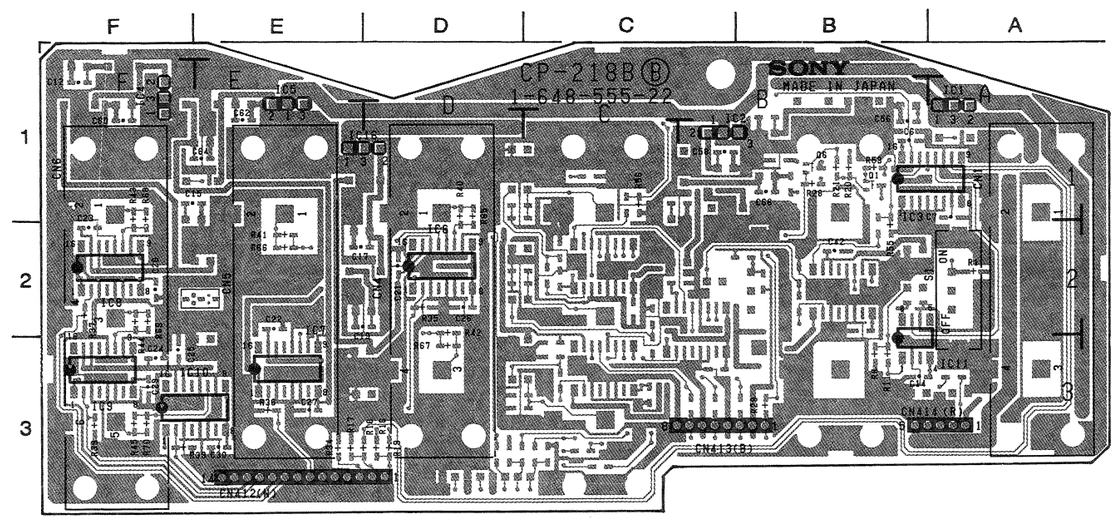
1-648-555-22 (LOT No. 307 -)
DVW-A510(J) ; CP-218B MCB
DVW-A510(UC) ; CP-218B MCB
DVW-A510P(EK) ; CP-218B MCB
DVW-510(J) ; CP-218B MCB
DVW-510(UC) ; CP-218B MCB
DVW-510P(EK) ; CP-218B MCB
DVW-CA510(J) ; CP-218B MCB
DVW-CA510(UC) ; CP-218B MCB
DVW-CA510P(EK) ; CP-218B MCB

CP-218B(1-648-555-22)

CN1	A-2
CN4	D-2
CN5	E-2
CN6	F-2
CN412	E-3
CN413	C-3
CN414	A-3
IC1	A-1
IC2	C-1
✱IC3	B-1
IC4	F-1
✱IC5	E-2
✱IC6	E-2
✱IC7	E-3
✱IC8	F-2
✱IC9	F-3
✱IC10	F-3
✱IC11	B-3
IC16	D-1
✱Q1	B-1
✱Q6	B-1
S1	A-2

✱ : B SIDE

LOT NO. A-1

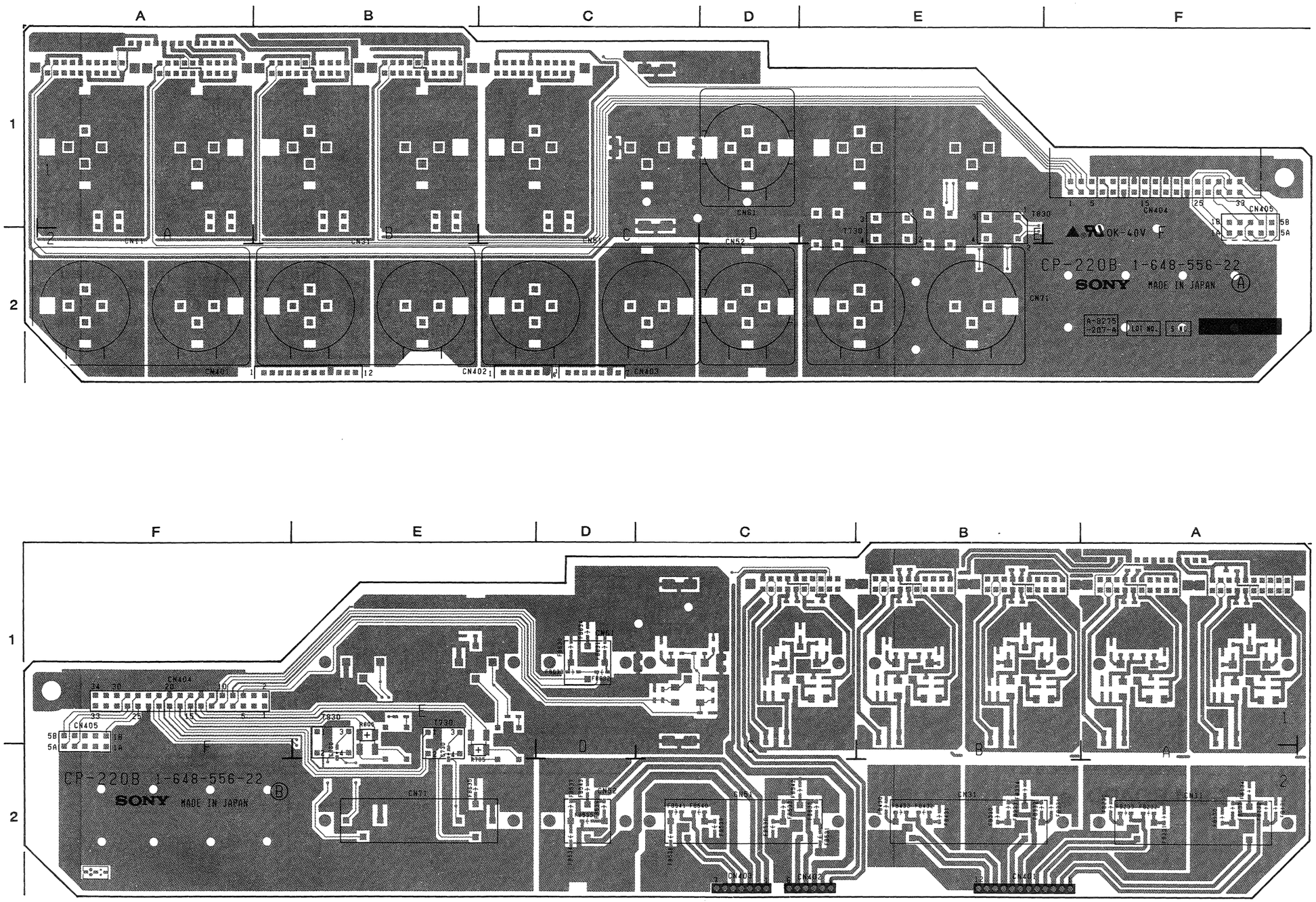


CP-218B BOARD -B SIDE-

1-648-555-22 (LOT No. 307 -)
DVW-A510(J) ; CP-218B MCB
DVW-A510(UC) ; CP-218B MCB
DVW-A510P(EK) ; CP-218B MCB
DVW-510(J) ; CP-218B MCB
DVW-510(UC) ; CP-218B MCB
DVW-510P(EK) ; CP-218B MCB
DVW-CA510(J) ; CP-218B MCB
DVW-CA510(UC) ; CP-218B MCB
DVW-CA510P(EK) ; CP-218B MCB

CP-220B ; Rear connector board (Analog/Digital audio, TC)

(Board's Lot No. 307 and higher)
All player models



CP-220B BOARD -A SIDE-

1-648-556-22 (LOT No. 307 -)

DVW-A510(J)	; CP-220BJ	MCB
DVW-A510(UC)	; CP-220B	MCB
DVW-A510P(EK)	; CP-220B	MCB
DVW-510(J)	; CP-220BJ	MCB
DVW-510(UC)	; CP-220B	MCB
DVW-510P(EK)	; CP-220B	MCB
DVW-CA510(J)	; CP-220BJ	MCB
DVW-CA510(UC)	; CP-220B	MCB
DVW-CA510P(EK)	; CP-220B	MCB

CP-220B BOARD -B SIDE-

1-648-556-22 (LOT No. 307 -)

DVW-A510(J)	; CP-220BJ	MCB
DVW-A510(UC)	; CP-220B	MCB
DVW-A510P(EK)	; CP-220B	MCB
DVW-510(J)	; CP-220BJ	MCB
DVW-510(UC)	; CP-220B	MCB
DVW-510P(EK)	; CP-220B	MCB
DVW-CA510(J)	; CP-220BJ	MCB
DVW-CA510(UC)	; CP-220B	MCB
DVW-CA510P(EK)	; CP-220B	MCB

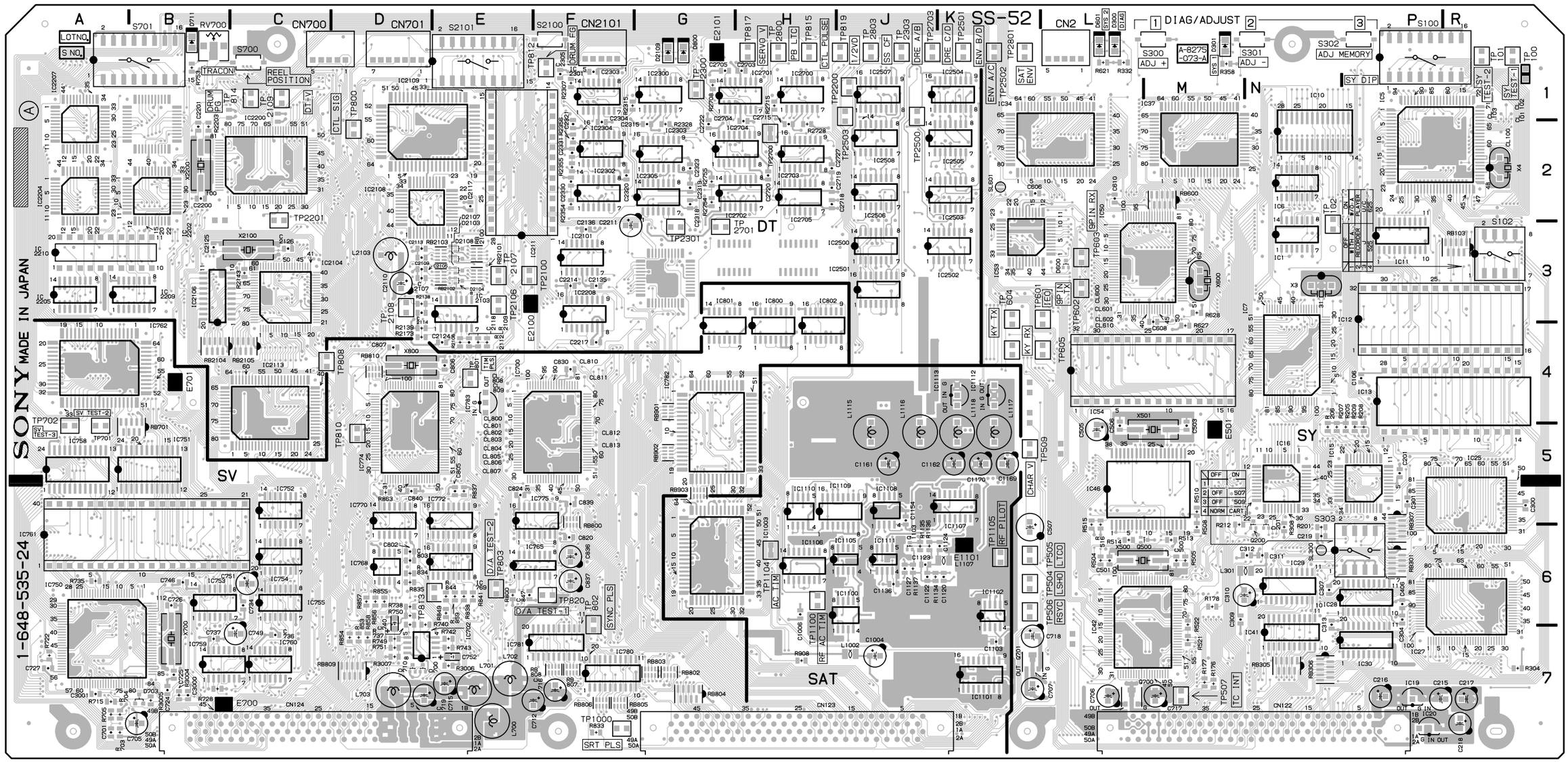
SS-52 ; System, Servo, Digital DT control

(Board's Lot No. 509 and higher)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-500P(UC)

SS-52 (1-648-535-24)

CNI12	P4	IC29	N6	IC2115	*C4	RB2105	C4
CNI54	L4	IC30	P7	IC2200	C2	RB2106	*C4
CNI211	F3	IC31	*N7	IC2202	B2	RB2107	*E1
CNI761	A6	IC32	*N6	IC2204	A2		
		IC34	L2	IC2205	A3	RV700	B1
CN2	L1	IC35	*L2	IC2207	A2		
CN122	N7	IC37	M2	IC2208	F4	S100	P1
CN123	H7	IC38	*M2	IC2209	A3	S102	R3
CN124	C7	IC39	*P7	IC2210	A3	S300	M1
CN700	C1	IC41	N7	IC2300	G1	S301	N1
CN701	D1	IC42	M7	IC2301	F1	S302	P1
CN2101	F1	IC43	*M6	IC2302	F2	S303	P6
		IC45	*L5	IC2303	G2	S700	C1
D100	*R3	IC46	L5	IC2304	F2	S701	B1
D201	N5	IC47	*L6	IC2305	G2	S2100	F1
D202	*N5	IC48	*K3	IC2500	J3	S2101	E1
D203	*N5	IC49	*M3	IC2501	J3		
D300	L1	IC50	M3	IC2502	J3	TP100	R1
D301	M1	IC52	*M3	IC2503	J2	TP101	R1
D600	L3	IC53	K3	IC2504	J1	TP504	K6
D601	L1	IC54	L4	IC2505	J2	TP505	K6
D700	D7	IC55	*K2	IC2506	J2	TP506	K6
D701	*A7	IC56	*M7	IC2507	J1	TP507	M7
D703	B7	IC211	F3	IC2508	J2	TP509	K5
D704	*A6	IC700	F5	IC2700	H1	TP601	L3
D705	*A6	IC702	E7	IC2701	G1	TP602	L3
D706	*A7	IC747	*B7	IC2702	G2	TP603	L3
D707	*B7	IC748	*A7	IC2703	H2	TP604	K3
D708	*B7	IC749	*A6	IC2704	G2	TP605	L4
D709	*B7	IC750	A7	IC2705	H2	TP701	A5
D710	D7	IC751	A5			TP702	A5
D711	B1	IC752	C5	L301	N6	TP800	D2
D800	G1	IC753	B6	L700	E7	TP801	E4
D801	*G3	IC754	C6	L701	E7	TP802	F6
D1100	*J7	IC755	C6	L702	E7	TP803	E6
D1101	*H7	IC756	*C7	L703	D7	TP808	C4
D1102	*H7	IC757	*C7	L1002	J7	TP810	D5
D1103	*H5	IC758	A5	L1101	*K7	TP812	F1
D1104	*J5	IC759	B7	L1105	*K6	TP813	E6
D2101	*E3	IC760	C7	L1107	K6	TP814	C1
D2102	*E3	IC761	A6	L1114	*K6	TP815	H1
D2103	E3	IC762	A4	L1115	J5	TP817	H1
D2104	E3	IC763	*C6	L1116	J5	TP819	J1
D2105	*E3	IC764	*B6	L1117	K5	TP820	F6
D2106	*E3	IC765	E6	L1118	K5	TP1000	F7
D2107	E3	IC766	*E6	L2103	D3	TP1100	H6
D2108	E3	IC767	*E6			TP1104	H6
D2109	G1	IC768	D6	Q200	N5	TP1105	K6
D2110	*E2	IC769	E6	Q500	M6	TP2100	E3
D2300	*F2	IC770	D6	Q700	L7	TP2106	E3
D2301	*F2	IC771	*D6	Q701	K7	TP2107	E3
D2302	*F2	IC772	E6	Q702	*C6	TP2108	D3
D2500	*J2	IC773	*F6	Q1103	J6	TP2109	C1
D2501	*K2	IC774	D5	Q1105	*K7	TP2200	J1
D2502	*J2	IC775	E6	Q1106	*K5	TP2201	C2
D2503	*J2	IC776	*F6			TP2300	G1
D2700	*H2	IC777	*F6	RB100	*P1	TP2301	G3
D2701	*H2	IC778	*H7	RB101	*R2	TP2303	J1
D2702	*G2	IC779	*G7	RB103	R3	TP2500	J1
		IC780	F7	RB105	*P1	TP2501	K1
E501	M5	IC781	E7	RB106	*P2	TP2502	K1
E700	B7	IC782	G5	RB107	*R1	TP2503	J1
E701	B4	IC783	E4	RB109	*R1	TP2700	H2
E1101	K6	IC800	H4	RB110	*N4	TP2701	G3
E2100	E3	IC801	G4	RB300	*P5	TP2703	J1
E2101	G1	IC802	H4	RB301	P6	TP2800	H1
		IC1001	*J7	RB302	*P6	TP2801	K1
IC1	N3	IC1002	*H7	RB304	*P7	TP2803	J1
IC2	*N2	IC1003	G6	RB305	N7		
IC3	*N3	IC1004	*H6	RB306	N7	X3	N3
IC5	P2	IC1100	J7	RB307	P6	X4	R2
IC6	N2	IC1101	K7	RB600	M2	X500	M6
IC7	N4	IC1102	K7	RB700	*A4	X501	M5
IC8	*N4	IC1105	J6	RB701	B5	X600	M3
IC10	N2	IC1106	H6	RB800	F5	X700	B7
IC11	P3	IC1107	K5	RB802	G7	X800	D4
IC12	P4	IC1108	J5	RB803	G7	X2100	C3
IC13	P5	IC1109	H6	RB804	G7	X2200	B2
IC15	P5	IC1110	H6	RB805	F7		
IC16	N5	IC1111	J6	RB806	F7	*:B SIDE	
IC17	*M5	IC1112	K4	RB807	F7		
IC18	*N5	IC1113	K4	RB808	F7		
IC19	P7	IC2100	*C3	RB809	D7		
IC20	P7	IC2101	F3	RB810	D4		
IC21	*P5	IC2103	E4	RB901	G4		
IC22	*R6	IC2104	C3	RB902	G5		
IC23	*M7	IC2106	C3	RB903	G5		
IC24	*M6	IC2107	*C4	RB2100	E3		
IC25	R5	IC2108	D2	RB2101	E3		
IC26	*R7	IC2109	D2	RB2102	E3		
IC27	R6	IC2113	C4	RB2103	E3		
IC28	P6	IC2114	*C2	RB2104	B4		

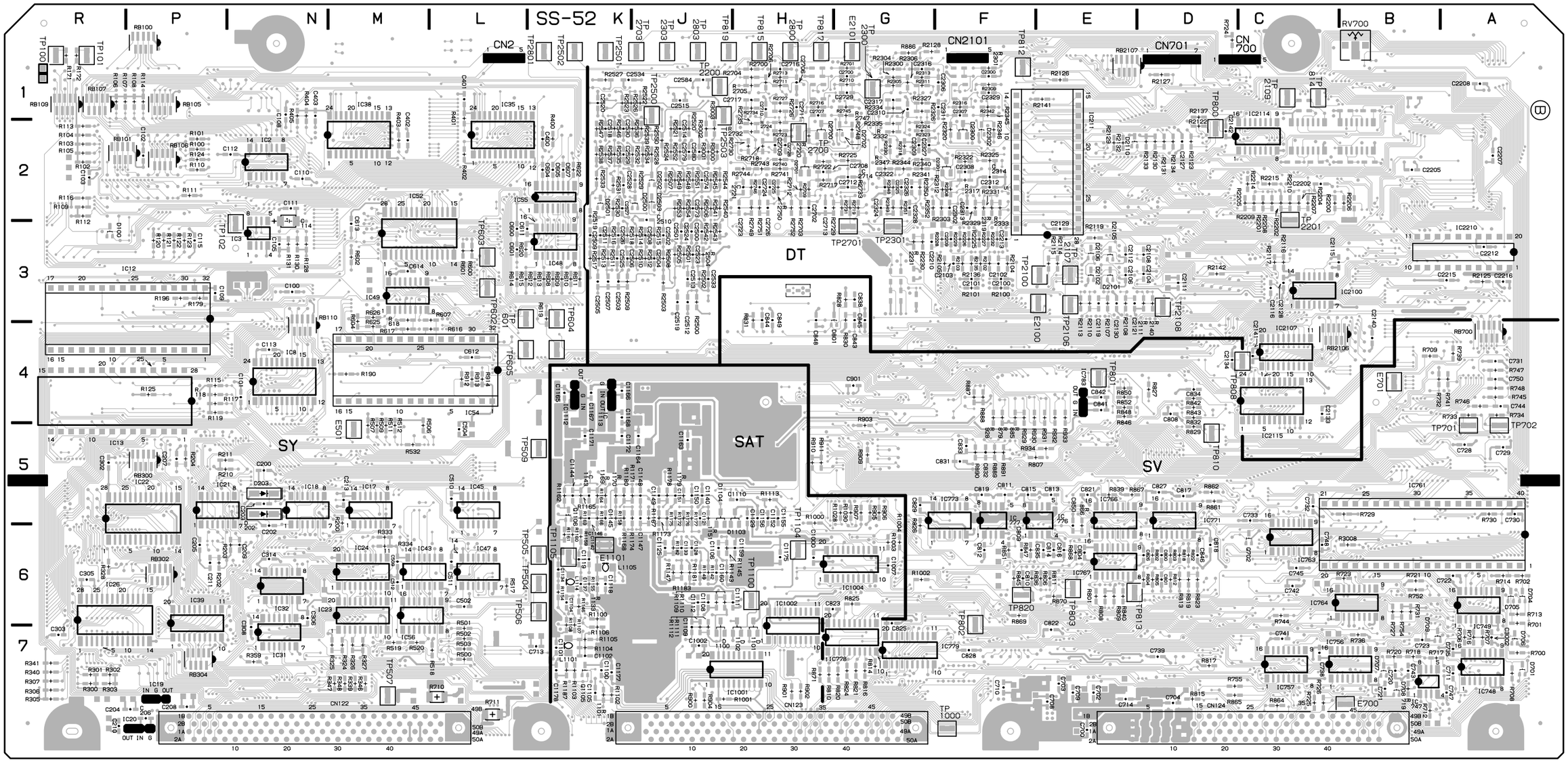
1-71 (d)



SS-52 BOARD -A SIDE-

1-648-535-24 (LOT No. 509 -)

DVW-500(J)	; SS-52	MCB
DVW-500(UC)	; SS-52	MCB
DVW-500P(EK)	; SS-52P	MCB
DVW-500P(UC)	; SS-52P	MCB



SS-52 BOARD -B SIDE-

1-648-535-24 (LOT No. 509 -)

DVW-500(J)	; SS-52	MCB
DVW-500(UC)	; SS-52	MCB
DVW-500P(EK)	; SS-52P	MCB
DVW-500P(UC)	; SS-52P	MCB

SS-52 ; System, Servo, Digital DT control

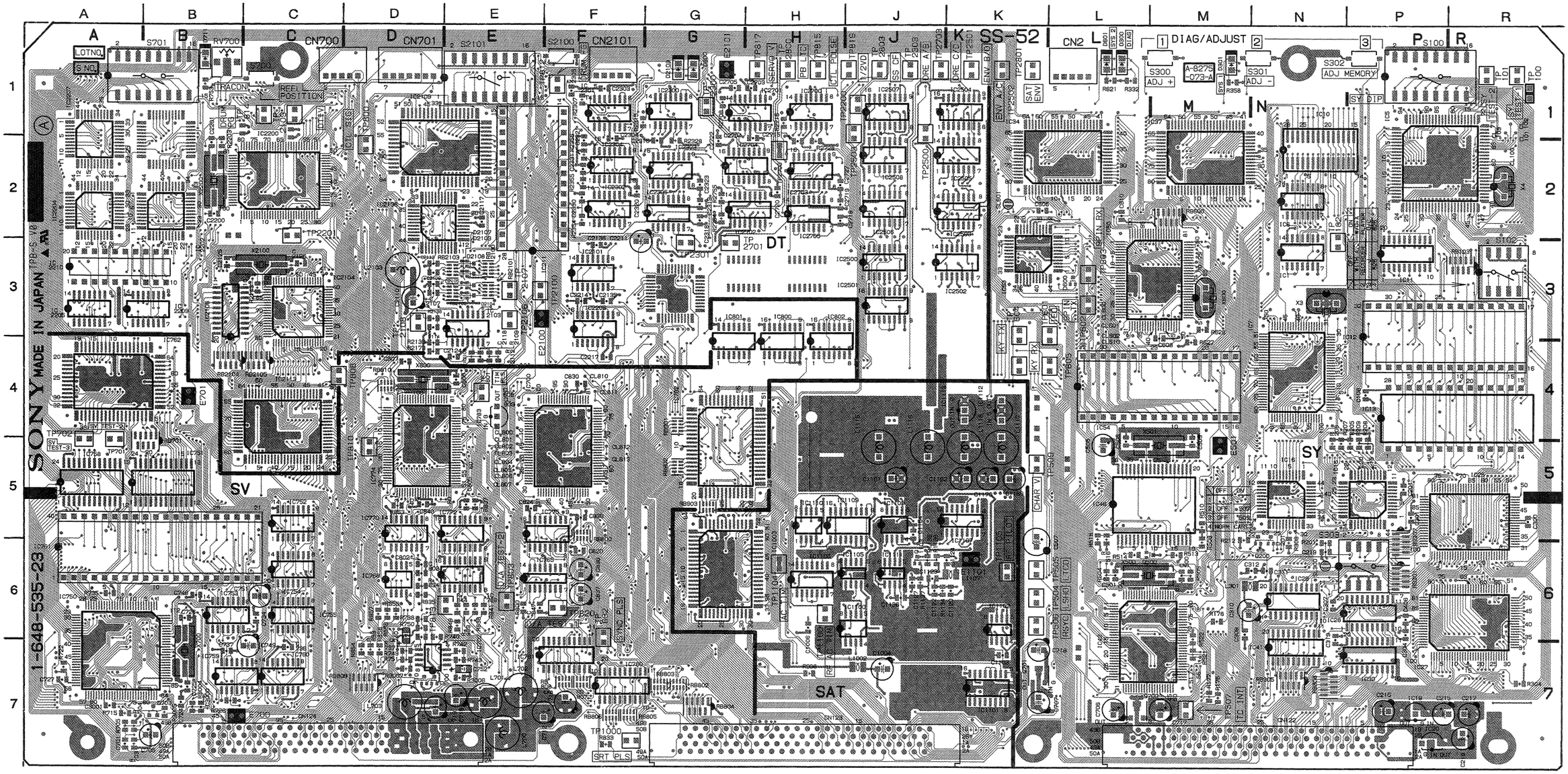
(Board's Lot No. 410 through 508)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-500P(UC)

SS-52(1-648-535-23)

CN2	L-1	IC20	R-7	✱IC1002	H-7	✱RB304	P-7	TP1105	K-6
CN122	N-7	✱IC21	P-5	IC1003	G-6	RB305	N-7	TP2100	E-3
CN123	H-7	✱IC22	R-6	✱IC1004	G-6	RB306	N-7	TP2106	E-3
CN124	C-7	✱IC23	M-7	IC1100	J-6	RB307	P-6	TP2107	E-3
CN700	C-1	✱IC24	M-6	IC1101	K-7	RB600	M-2	TP2108	D-3
CN701	D-1	IC25	R-5	IC1102	K-7	✱RB700	A-4	TP2109	C-1
CN2101	F-1	✱IC26	R-7	IC1105	J-6	RB701	B-5	TP2200	J-1
		IC27	R-6	IC1106	H-6	RB800	F-5	TP2201	C-2
✱D100	R-3	IC28	P-6	IC1107	K-5	RB802	G-7	TP2300	G-1
D201	N-5	IC29	N-6	IC1108	J-5	RB803	G-7	TP2301	G-3
✱D202	N-5	IC30	P-7	IC1109	H-6	RB804	G-7	TP2303	J-1
✱D203	N-5	✱IC31	N-7	IC1110	H-6	RB805	F-7	TP2500	J-1
D300	L-1	✱IC32	N-6	IC1111	J-6	RB806	F-7	TP2501	K-1
D301	M-1	IC34	L-2	IC1112	K-4	RB807	F-7	TP2502	K-1
D600	L-3	✱IC35	L-2	IC1113	K-4	RB808	F-7	TP2503	J-1
D601	L-1	IC37	M-2	✱IC2100	C-3	RB809	D-7	TP2700	H-2
✱D701	A-7	✱IC38	M-2	IC2101	F-3	RB810	D-4	TP2701	G-3
D703	B-7	✱IC39	P-7	IC2103	E-4	RB901	G-4	TP2703	J-1
✱D704	A-6	IC41	N-7	IC2104	C-3	RB902	G-5	TP2800	H-1
✱D705	A-6	IC42	M-7	IC2106	B-3	RB903	G-5	TP2801	K-1
✱D706	A-7	✱IC43	M-6	✱IC2107	C-4	RB2100	E-3	TP2803	J-1
✱D707	B-7	✱IC45	L-5	IC2108	D-2	RB2101	E-3		
✱D708	B-7	IC46	L-5	IC2109	D-2	RB2102	E-3	X3	N-3
✱D709	B-7	✱IC47	L-6	IC2113	C-4	RB2103	E-3	X4	R-2
D710	D-7	✱IC48	K-3	✱IC2114	C-2	RB2104	B-4	X500	M-6
D711	B-1	✱IC49	M-3	✱IC2115	C-4	RB2105	C-4	X501	M-5
D800	G-1	IC50	M-3	IC2200	C-2	✱RB2106	C-4	X600	M-3
✱D801	G-4	✱IC52	M-3	IC2202	B-2	✱RB2107	E-1	X700	B-7
✱D1100	J-7	IC53	K-3	IC2204	A-2			X800	D-4
✱D1101	H-7	IC54	L-4	IC2205	A-3	RV700	B-1	X2100	C-3
✱D1102	H-7	✱IC55	K-2	IC2207	A-2			X2200	B-2
✱D1103	H-5	✱IC56	M-7	IC2208	F-4	S100	P-1		
✱D1104	J-5	IC211	F-3	IC2209	A-3	S102	R-3		
✱D2101	E-3	IC700	F-5	IC2210	A-3	S300	M-1		
✱D2102	E-3	IC702	E-7	IC2300	G-1	S301	N-1		
D2103	E-3	✱IC747	B-7	IC2301	F-1	S302	P-1		
D2104	E-3	✱IC748	A-7	IC2302	F-2	S303	P-6		
✱D2105	E-3	✱IC749	A-6	IC2303	G-2	S700	C-1		
✱D2106	E-3	IC750	A-7	IC2304	F-2	S701	B-1		
D2107	E-3	IC751	A-5	IC2305	G-2	S2100	F-1		
D2108	E-3	IC752	C-5	IC2500	J-3	S2101	E-1		
D2109	G-1	IC753	B-6	IC2501	J-3				
✱D2110	E-2	IC754	C-6	IC2502	J-3	SL300	N-6		
✱D2300	F-2	IC755	C-6	IC2503	J-2	SL601	K-2		
✱D2302	F-2	✱IC756	C-7	IC2504	J-1				
✱D2500	J-2	✱IC757	C-7	IC2505	J-2	TP100	R-1		
✱D2501	K-2	IC758	A-5	IC2506	J-2	TP101	R-1		
✱D2502	J-2	IC759	B-7	IC2507	J-1	TP102	N-3		
✱D2503	J-2	IC760	C-7	IC2508	J-2	TP504	K-6		
✱D2700	H-2	IC761	A-6	IC2700	H-1	TP505	K-6		
✱D2701	H-2	IC762	A-4	IC2701	G-1	TP506	K-6		
✱D2702	G-2	✱IC763	C-6	IC2702	G-2	TP507	M-7		
		✱IC764	C-6	IC2703	H-2	TP509	K-5		
E501	M-5	IC765	E-6	IC2704	G-2	TP601	L-3		
E700	B-7	✱IC766	E-6	IC2705	H-2	TP602	L-3		
E701	B-4	✱IC767	E-6			TP603	L-3		
E1101	K-6	IC768	D-6	Q200	N-5	TP604	K-3		
E2100	E-3	IC769	E-6	Q500	M-6	TP605	L-4		
E2101	G-1	IC770	D-6	Q700	L-7	TP701	A-5		
		✱IC771	D-6	Q701	K-7	TP702	A-5		
IC1	N-3	IC772	E-6	✱Q702	C-6	TP800	D-2		
✱IC2	N-2	✱IC773	F-6	Q1103	J-6	TP801	E-4		
✱IC3	N-3	IC774	D-5	✱Q1105	K-7	TP802	F-6		
IC5	P-2	IC775	E-6	✱Q1106	K-5	TP803	E-6		
IC6	N-2	✱IC776	F-6			TP808	C-4		
IC7	N-4	✱IC777	F-6	✱RB100	P-1	TP810	D-5		
✱IC8	N-4	✱IC778	H-7	✱RB101	R-2	TP812	D-4		
IC10	N-2	✱IC779	G-7	RB103	R-3	TP813	E-6		
IC11	P-3	IC780	F-7	✱RB105	P-1	TP814	D-4		
IC12	P-4	IC781	E-7	✱RB106	P-2	TP815	H-1		
IC13	P-5	IC782	G-5	✱RB107	R-1	TP817	H-1		
IC15	P-5	IC783	E-4	✱RB109	R-1	TP819	J-1		
IC16	N-5	IC800	H-4	✱RB110	N-4	TP820	F-6		
✱IC17	M-5	IC801	G-4	✱RB300	P-5	TP1000	F-7		
✱IC18	N-5	IC802	H-4	RB301	P-6	TP1100	H-6		
IC19	P-7	✱IC1001	J-7	✱RB302	P-6	TP1104	H-6		

✱ : B SIDE

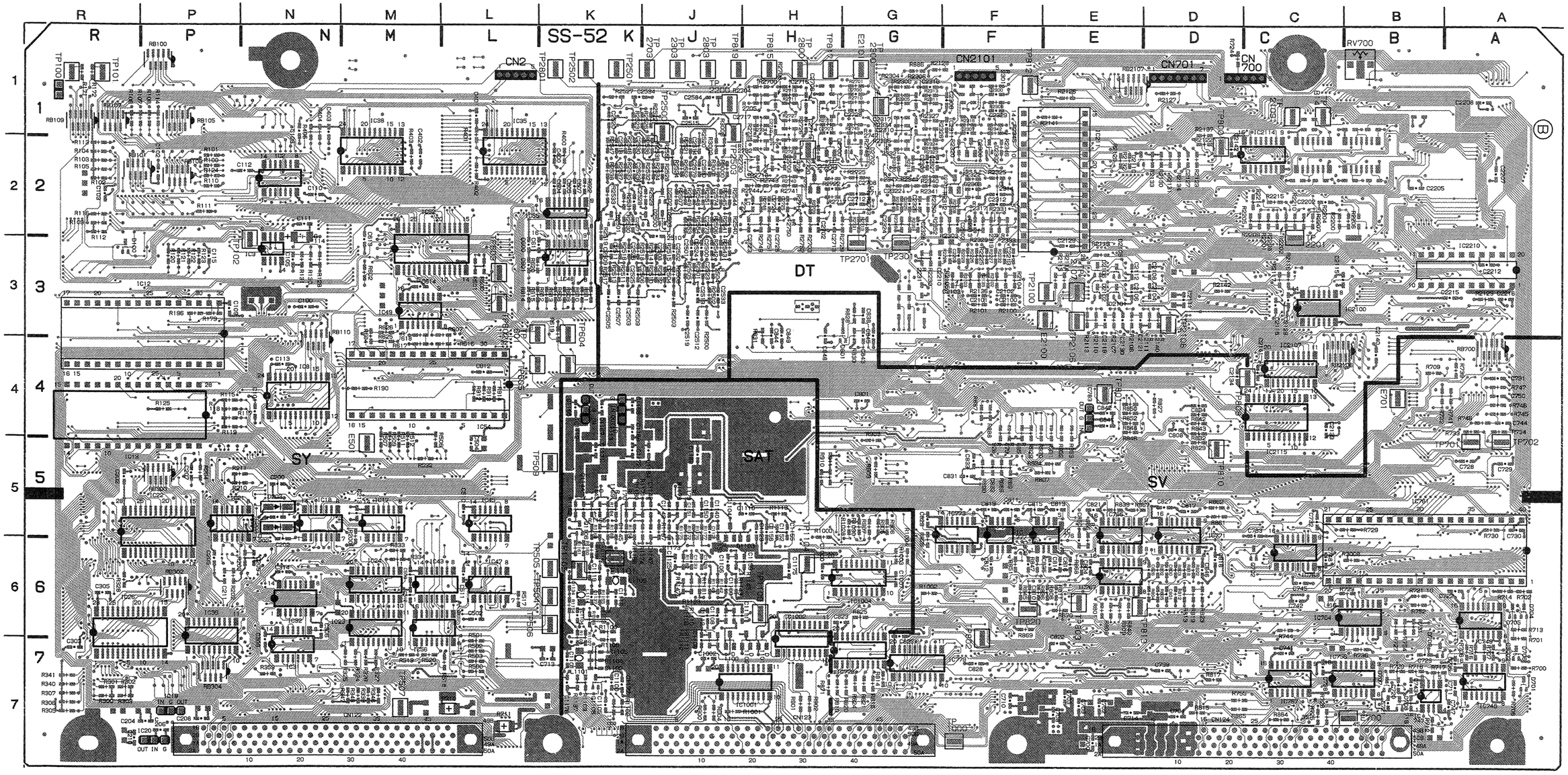
LOT NO. A-1



SS-52 BOARD -A SIDE-

1-648-535-23 (LOT No. 410 - 508)

DVW-500(J)	; SS-52	MCB
DVW-500(UC)	; SS-52	MCB
DVW-500P(EK)	; SS-52P	MCB
DVW-500P(UC)	; SS-52P	MCB



SS-52 BOARD -B SIDE-

1-648-535-23 (LOT No. 410 - **508**)

DVW-500(J)	; SS-52	MCB
DVW-500(UC)	; SS-52	MCB
DVW-500P(EK)	; SS-52P	MCB
DVW-500P(UC)	; SS-52P	MCB

SS-52 ; System, Servo, Digital DT control

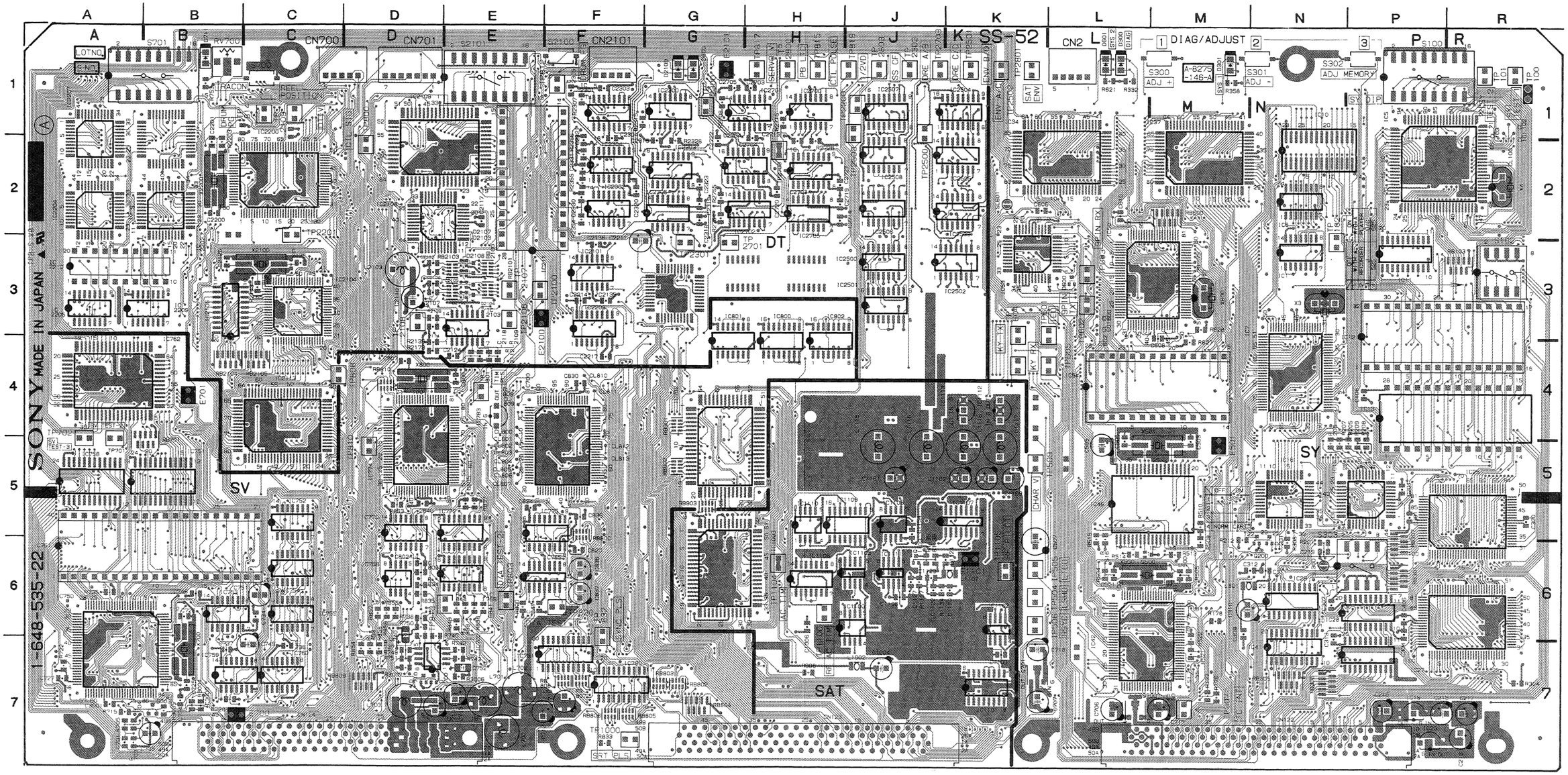
(Board's Lot No. 306 through 409)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-500P(UC)

SS-52(1-648-535-22)

CN2	L-1	IC20	R-7	✱IC1002	H-7	✱RB304	P-7	TP1105	K-6
CN122	N-7	✱IC21	P-5	IC1003	G-6	RB305	N-7	TP2100	E-3
CN123	H-7	✱IC22	R-6	✱IC1004	G-6	RB306	N-7	TP2106	E-3
CN124	C-7	✱IC23	M-7	IC1100	J-6	RB307	P-6	TP2107	E-3
CN700	C-1	✱IC24	M-6	IC1101	K-7	RB600	M-2	TP2108	D-3
CN701	D-1	IC25	R-5	IC1102	K-7	✱RB700	A-4	TP2109	C-1
CN2101	F-1	✱IC26	R-7	IC1105	J-6	RB701	B-5	TP2200	J-1
		IC27	R-6	IC1106	H-6	RB800	F-5	TP2201	C-2
✱D100	R-3	IC28	P-6	IC1107	K-5	RB802	G-7	TP2300	G-1
D201	N-5	IC29	N-6	IC1108	J-5	RB803	G-7	TP2301	G-3
✱D202	N-5	IC30	P-7	IC1109	H-6	RB804	G-7	TP2303	J-1
✱D203	N-5	✱IC31	N-7	IC1110	H-6	RB805	F-7	TP2500	J-1
D300	L-1	✱IC32	N-6	IC1111	J-6	RB806	F-7	TP2501	K-1
D301	M-1	IC34	L-2	IC1112	K-4	RB807	F-7	TP2502	K-1
D600	L-3	✱IC35	L-2	IC1113	K-4	RB808	F-7	TP2503	J-1
D601	L-1	IC37	M-2	✱IC2100	C-3	RB809	D-7	TP2700	H-2
✱D701	A-7	✱IC38	M-2	IC2101	F-3	RB810	D-4	TP2701	G-3
D703	B-7	✱IC39	P-7	IC2103	E-4	RB901	G-4	TP2703	J-1
✱D704	A-6	IC41	N-7	IC2104	C-3	RB902	G-5	TP2800	H-1
✱D705	A-6	IC42	M-7	IC2106	B-3	RB903	G-5	TP2801	K-1
✱D706	A-7	✱IC43	M-6	✱IC2107	C-4	RB2100	E-3	TP2803	J-1
✱D707	B-7	✱IC45	L-5	IC2108	D-2	RB2101	E-3		
✱D708	B-7	IC46	L-5	IC2109	D-2	RB2102	E-3	X3	N-3
✱D709	B-7	✱IC47	L-6	IC2113	C-4	RB2103	E-3	X4	R-2
D710	D-7	✱IC48	K-3	✱IC2114	C-2	RB2104	B-4	X500	M-6
D711	B-1	✱IC49	M-3	✱IC2115	C-4	RB2105	C-4	X501	M-5
D800	G-1	IC50	M-3	IC2200	C-2	✱RB2106	C-4	X600	M-3
✱D801	G-4	✱IC52	M-3	IC2202	B-2	✱RB2107	E-1	X700	B-7
✱D1100	J-7	IC53	K-3	IC2204	A-2			X800	D-4
✱D1101	H-7	IC54	L-4	IC2205	A-3	RV700	B-1	X2100	C-3
✱D1102	H-7	✱IC55	K-2	IC2207	A-2			X2200	B-2
✱D1103	H-5	✱IC56	M-7	IC2208	F-4	S100	P-1		
✱D1104	J-5	IC211	F-3	IC2209	A-3	S102	R-3		
✱D2101	E-3	IC700	F-5	IC2210	A-3	S300	M-1		
✱D2102	E-3	IC702	E-7	IC2300	G-1	S301	N-1		
D2103	E-3	✱IC747	B-7	IC2301	F-1	S302	P-1		
D2104	E-3	✱IC748	A-7	IC2302	F-2	S303	P-6		
✱D2105	E-3	✱IC749	A-6	IC2303	G-2	S700	C-1		
✱D2106	E-3	IC750	A-7	IC2304	F-2	S701	B-1		
D2107	E-3	IC751	A-5	IC2305	G-2	S2100	F-1		
D2108	E-3	IC752	C-5	IC2500	J-3	S2101	E-1		
D2109	G-1	IC753	B-6	IC2501	J-3				
✱D2110	E-2	IC754	C-6	IC2502	J-3	SL300	N-6		
✱D2300	F-2	IC755	C-6	IC2503	J-2	SL601	K-2		
✱D2302	F-2	✱IC756	C-7	IC2504	J-1				
✱D2500	J-2	✱IC757	C-7	IC2505	J-2	TP100	R-1		
✱D2501	K-2	IC758	A-5	IC2506	J-2	TP101	R-1		
✱D2502	J-2	IC759	B-7	IC2507	J-1	TP102	N-3		
✱D2503	J-2	IC760	C-7	IC2508	J-2	TP504	K-6		
✱D2700	H-2	IC761	A-6	IC2700	H-1	TP505	K-6		
✱D2701	H-2	IC762	A-4	IC2701	G-1	TP506	K-6		
✱D2702	G-2	✱IC763	C-6	IC2702	G-2	TP507	M-7		
		✱IC764	C-6	IC2703	H-2	TP509	K-5		
E501	M-5	IC765	E-6	IC2704	G-2	TP601	L-3		
E700	B-7	✱IC766	E-6	IC2705	H-2	TP602	L-3		
E701	B-4	✱IC767	E-6			TP603	L-3		
E1101	K-6	IC768	D-6	Q200	N-5	TP604	K-3		
E2100	E-3	IC769	E-6	Q500	M-6	TP605	L-4		
E2101	G-1	IC770	D-6	Q700	L-7	TP701	A-5		
		✱IC771	D-6	Q701	K-7	TP702	A-5		
IC1	N-3	IC772	E-6	✱Q702	C-6	TP800	D-2		
✱IC2	N-2	✱IC773	F-6	Q1103	J-6	TP801	E-4		
✱IC3	N-3	IC774	D-5	✱Q1105	K-7	TP802	F-6		
IC5	P-2	IC775	E-6	✱Q1106	K-5	TP803	E-6		
IC6	N-2	✱IC776	F-6			TP808	C-4		
IC7	N-4	✱IC777	F-6	✱RB100	P-1	TP810	D-5		
✱IC8	N-4	✱IC778	H-7	✱RB101	R-2	TP812	D-4		
IC10	N-2	✱IC779	G-7	RB103	R-3	TP813	E-6		
IC11	P-3	IC780	F-7	✱RB105	P-1	TP814	D-4		
IC12	P-4	IC781	E-7	✱RB106	P-2	TP815	H-1		
IC13	P-5	IC782	G-5	✱RB107	R-1	TP817	H-1		
IC15	P-5	IC783	E-4	✱RB109	R-1	TP819	J-1		
IC16	N-5	IC800	H-4	✱RB110	N-4	TP820	F-6		
✱IC17	M-5	IC801	G-4	✱RB300	P-5	TP1000	F-7		
✱IC18	N-5	IC802	H-4	RB301	P-6	TP1100	H-6		
IC19	P-7	✱IC1001	J-7	✱RB302	P-6	TP1104	H-6		

✱ : B SIDE

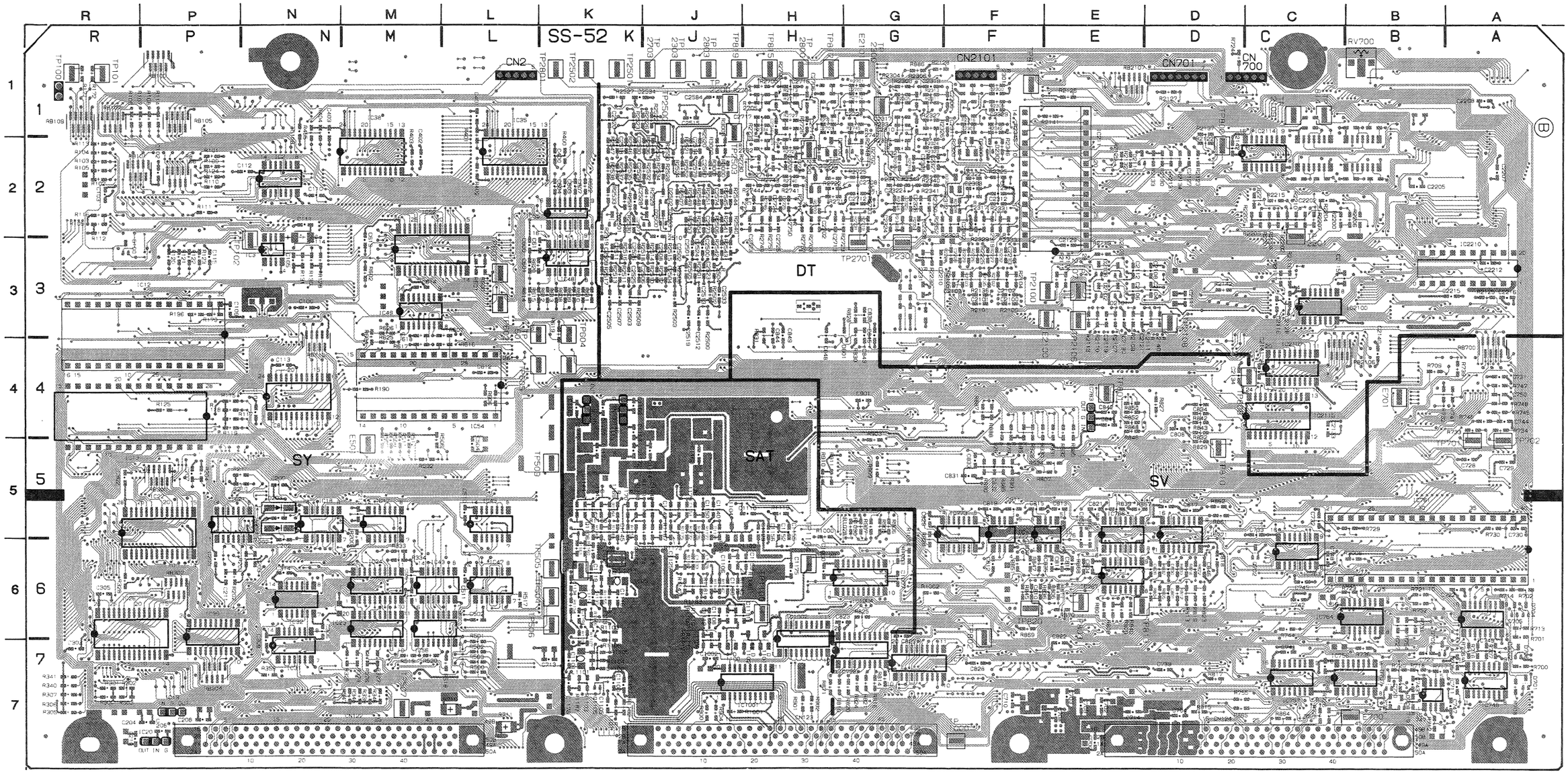
LOT NO. A-1



SS-52 BOARD -A SIDE-

1-648-535-22 (LOT No. 306 - 409)

DVW-500(J)	; SS-52	MCB
DVW-500(UC)	; SS-52	MCB
DVW-500P(EK)	; SS-52P	MCB
DVW-500P(UC)	; SS-52P	MCB


SS-52
SAT
SY
SV
DT
CN2
CN2101
CN701
CN 700
RV700
TP2701
TP2300
TP2100
TP2502
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TP2504
TP2505
TP2506
TP2507
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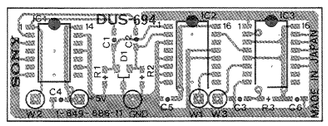
TP2536
TP2537
TP2538
TP2539
TP2540
TP2541

SS-52, DUS-687/694

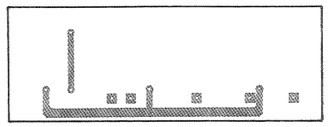
SS-52 ; System, Servo, Digital DT control
DUS-687/694

(Board's Lot No. 303 through 306)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

DUS-687 BOARD -A SIDE-
1-649-491-11



DUS-694 BOARD -A SIDE-
1-649-686-11



DUS-694 BOARD -B SIDE-
1-649-686-11

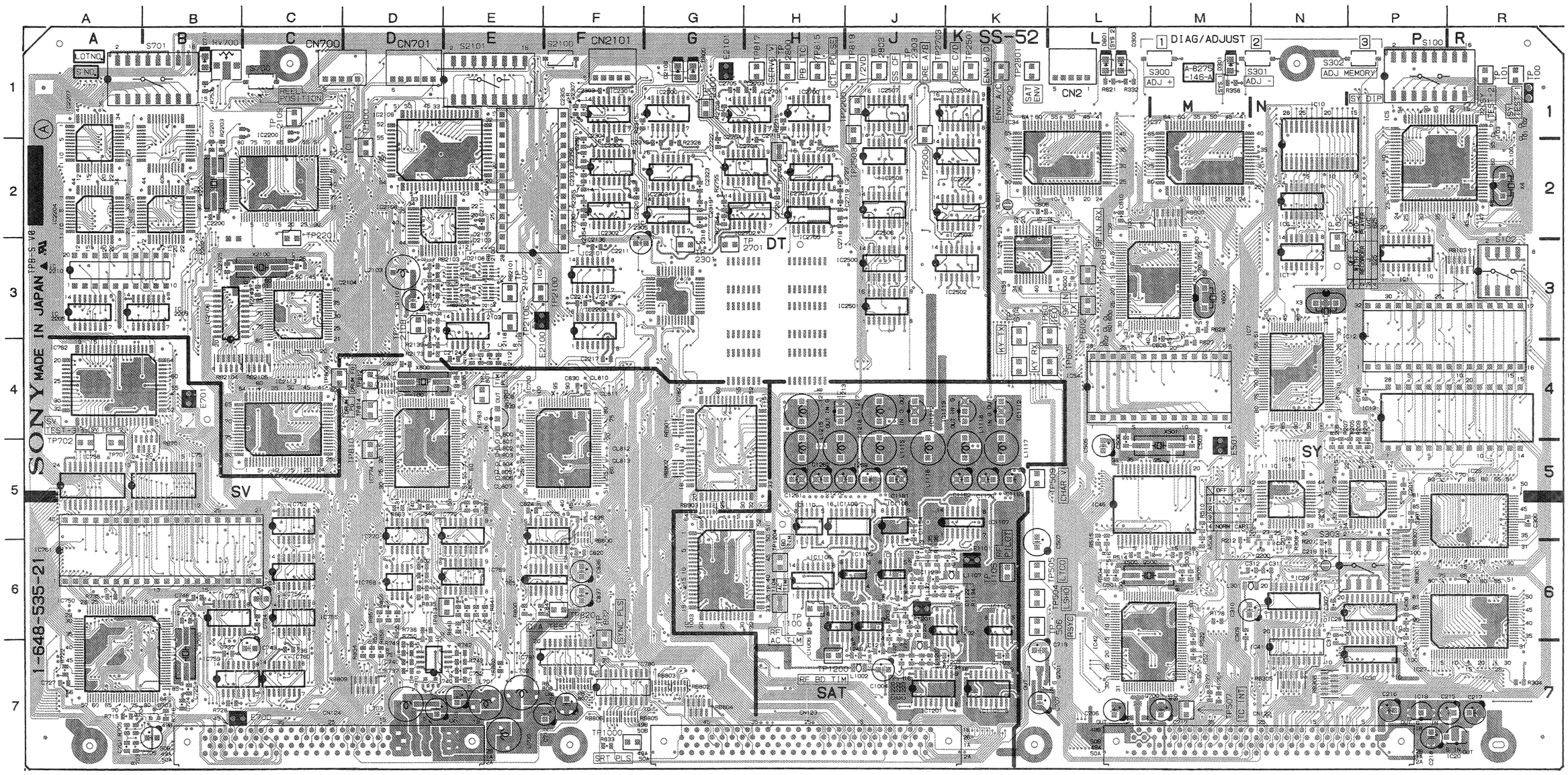
SS-52(1-648-535-21)

CN2	L-1	✱IC23	M-7	IC1108	J-5	✱RB302	P-6	TP1105	K-6		
CN122	N-7	✱IC24	M-6	IC1109	H-6	✱RB304	P-7	TP1200	H-7		
CN123	H-7	IC25	R-5	IC1110	H-6	RB305	N-7	TP1204	H-6		
CN124	C-7	✱IC26	R-7	IC1111	J-6	RB306	N-7	TP2100	E-3		
CN700	C-1	IC27	R-6	IC1112	K-4	RB307	P-6	TP2106	E-3		
CN701	D-1	IC28	P-6	IC1113	K-4	RB600	M-2	TP2107	E-3		
CN2101	F-1	IC29	N-6	IC1201	J-7	✱RB700	A-4	TP2108	D-3		
		IC30	P-7	IC1202	J-7	RB701	B-5	TP2109	C-1		
✱D100	R-3	✱IC31	N-7	IC1205	H-6	RB800	F-5	TP2200	J-1		
D201	N-5	✱IC32	N-6	IC1211	J-6	RB802	G-7	TP2201	C-2		
✱D202	N-5	IC34	L-2	IC1212	J-4	RB803	G-7	TP2300	G-1		
✱D203	N-5	✱IC35	L-2	IC1213	H-4	RB804	G-7	TP2301	G-3		
D300	L-1	IC37	M-2	✱IC2100	C-3	RB805	F-7	TP2303	J-1		
D301	M-1	✱IC38	M-2	IC2101	F-3	RB806	F-7	TP2500	J-1		
D600	L-3	✱IC39	P-7	IC2103	E-4	RB807	F-7	TP2501	K-1		
D601	L-1	IC41	N-7	IC2104	C-3	RB808	F-7	TP2502	K-1		
✱D701	A-7	IC42	M-7	IC2106	B-3	RB809	D-7	TP2503	J-1		
D703	B-7	✱IC43	M-6	✱IC2107	C-4	RB810	D-4	TP2700	H-2		
✱D704	A-6	✱IC45	L-5	IC2108	D-2	RB901	G-4	TP2701	G-3		
✱D705	A-6	IC46	L-5	IC2109	D-2	RB902	G-5	TP2703	J-1		
✱D706	A-7	✱IC47	L-6	IC2110	F-3	RB903	G-5	TP2800	H-1		
✱D707	B-7	✱IC48	K-3	IC2113	C-4	RB2100	E-3	TP2801	K-1		
✱D708	B-7	✱IC49	M-3	✱IC2114	C-2	RB2101	E-3	TP2803	J-1		
✱D709	B-7	IC50	M-3	✱IC2115	C-4	RB2102	E-3				
D710	D-7	✱IC52	M-3	IC2200	C-2	RB2103	E-3	X3	N-3		
D711	B-1	IC53	K-3	IC2202	B-2	RB2104	B-4	X4	R-2		
D800	G-1	IC54	L-4	IC2204	A-2	RB2105	C-4	X500	M-6		
✱D1103	H-5	✱IC55	K-2	IC2205	A-3	✱RB2106	C-4	X501	M-5		
✱D1104	J-5	✱IC56	M-7	IC2207	A-2	✱RB2107	E-1	X600	M-3		
✱D2101	E-3	IC700	F-5	IC2208	F-4			X700	B-7		
✱D2102	E-3	IC702	E-7	IC2209	A-3	RV700	B-1	X800	D-4		
D2103	E-3	✱IC747	B-7	IC2210	A-3			X2100	C-3		
D2104	E-3	✱IC748	A-7	IC2300	G-1	S100	P-1	X2200	B-2		
✱D2105	E-3	✱IC749	A-6	IC2301	F-1	S102	R-3				
✱D2106	E-3	IC750	A-7	IC2302	F-2	S300	M-1				
D2107	E-3	IC751	A-5	IC2303	G-2	S301	N-1				
D2108	E-3	IC752	C-5	IC2304	F-2	S302	P-1				
D2109	G-1	IC753	B-6	IC2305	G-2	S303	P-6				
✱D2110	E-2	IC754	C-6	IC2401	G-3	S700	C-1				
✱D2300	F-2	IC755	C-6	IC2500	J-3	S701	B-1				
✱D2302	F-2	✱IC756	C-7	IC2501	J-3	S2100	F-1				
✱D2500	J-2	✱IC757	C-7	IC2502	J-3	S2101	E-1				
✱D2501	K-2	IC758	A-5	IC2503	J-2						
✱D2502	J-2	IC759	B-7	IC2504	J-1	SL300	N-6				
✱D2503	J-2	IC760	C-7	IC2505	J-2	SL601	K-2				
✱D2700	H-2	IC761	A-6	IC2506	J-2						
✱D2701	H-2	IC762	A-4	IC2507	J-1	TP100	R-1				
✱D2702	G-2	✱IC763	C-6	IC2508	J-2	TP101	R-1				
		✱IC764	C-6	IC2700	H-1	TP102	N-3				
E501	M-5	IC765	E-6	IC2701	G-1	TP504	K-6				
E700	B-7	✱IC766	E-6	IC2702	G-2	TP505	K-6				
E701	B-4	✱IC767	E-6	IC2703	H-2	TP506	K-6				
E1101	K-6	IC768	D-6	IC2704	G-2	TP507	M-7				
E1201	J-6	IC769	E-6	IC2705	H-2	TP509	K-5				
E2100	E-3	IC770	D-6			TP601	L-3				
E2101	G-1	✱IC771	D-6	Q200	N-5	TP602	L-3				
		IC772	E-6	Q500	M-6	TP603	L-3				
IC1	N-3	✱IC773	F-6	Q700	L-7	TP604	K-3				
✱IC2	N-2	IC774	D-5	Q701	K-7	TP605	L-4				
✱IC3	N-3	IC775	E-6	✱Q702	C-6	TP701	A-5				
IC5	P-2	✱IC776	F-6	Q1103	J-6	TP702	A-5				
IC6	N-2	✱IC777	F-6	✱Q1105	K-7	TP800	D-2				
IC7	N-4	✱IC778	H-7	✱Q1106	K-5	TP801	E-4				
✱IC8	N-4	✱IC779	G-7	Q1203	J-6	TP802	F-6				
IC10	N-2	IC780	F-7	✱Q1205	J-7	TP808	C-4				
IC11	P-3	IC781	E-7			TP810	D-5				
IC12	P-4	IC782	G-5	✱RB100	P-1	TP812	D-4				
IC13	P-5	IC783	E-4	✱RB101	R-2	TP813	E-6				
IC15	P-5	✱IC1001	J-7	RB103	R-3	TP814	D-4				
IC16	N-5	✱IC1002	H-7	✱RB105	P-1	TP815	H-1				
✱IC17	M-5	IC1003	G-6	✱RB106	P-2	TP817	H-1				
✱IC18	N-5	IC1101	K-7	✱RB107	R-1	TP819	J-1				
IC19	P-7	IC1102	K-7	✱RB109	R-1	TP820	F-6				
IC20	R-7	IC1105	J-6	✱RB110	N-4	TP1000	F-7				
✱IC21	P-5	IC1106	H-6	✱RB300	P-5	TP1100	H-6				
✱IC22	R-6	IC1107	K-5	RB301	P-6	TP1104	H-6				

✱ : B SIDE

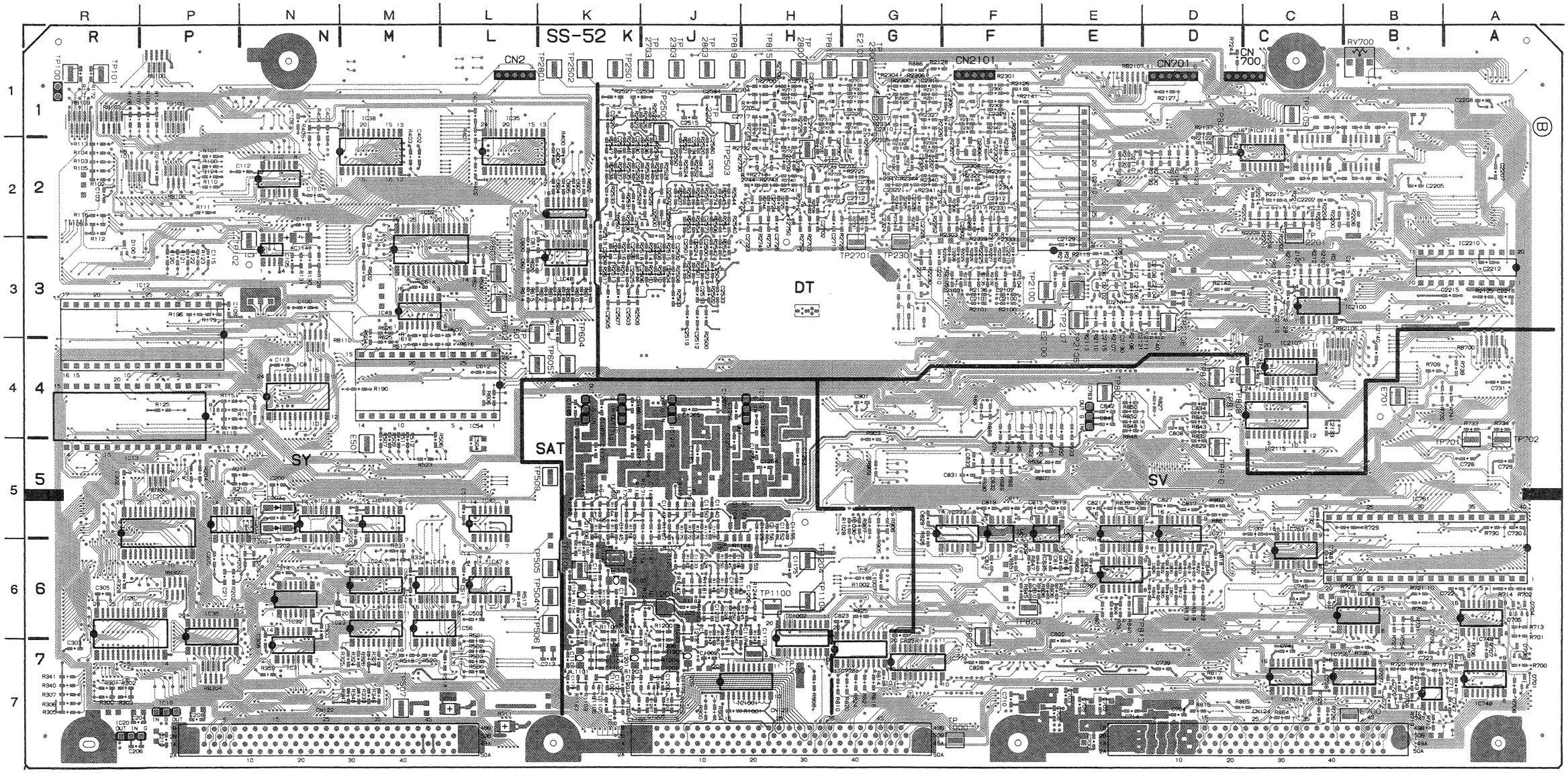
LOT NO. A-1

1-71 (a)



SS-52 BOARD -A SIDE-

1-648-535-21 (LOT No. 303 - 306)
DVW-500(J) ; SS-52 MCB
DVW-500(UC) ; SS-52 MCB
DVW-500P(EK) ; SS-52P MCB


SS-52
DT
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CN701
CN700
RV700
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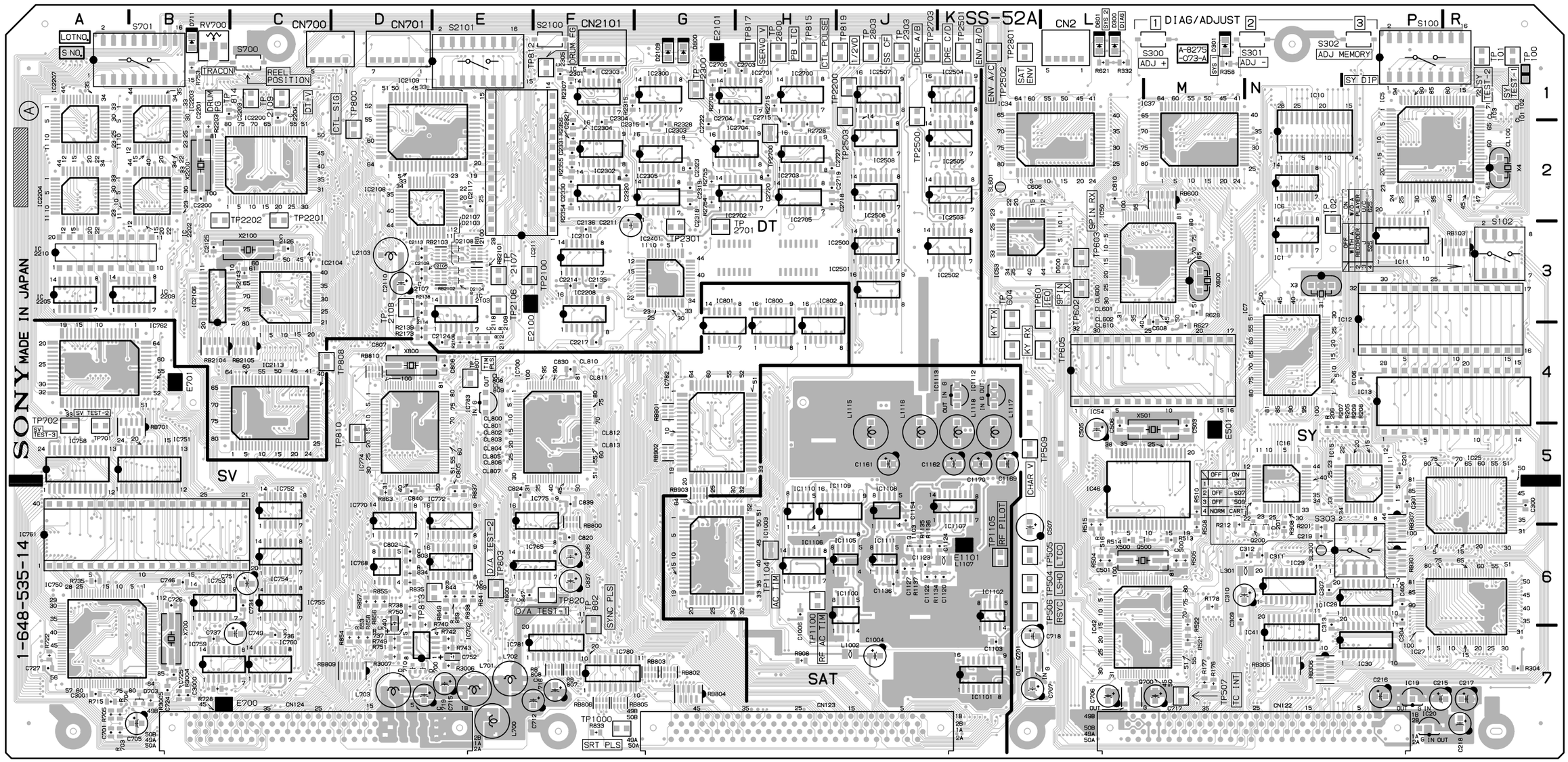
TP2538
TP2539
TP2540
TP2541
TP2542

SS-52A ; System, Servo, Analog/Digital DT control

(Board's Lot No. 511 and higher)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)

SS-52A (1-648-535-14)

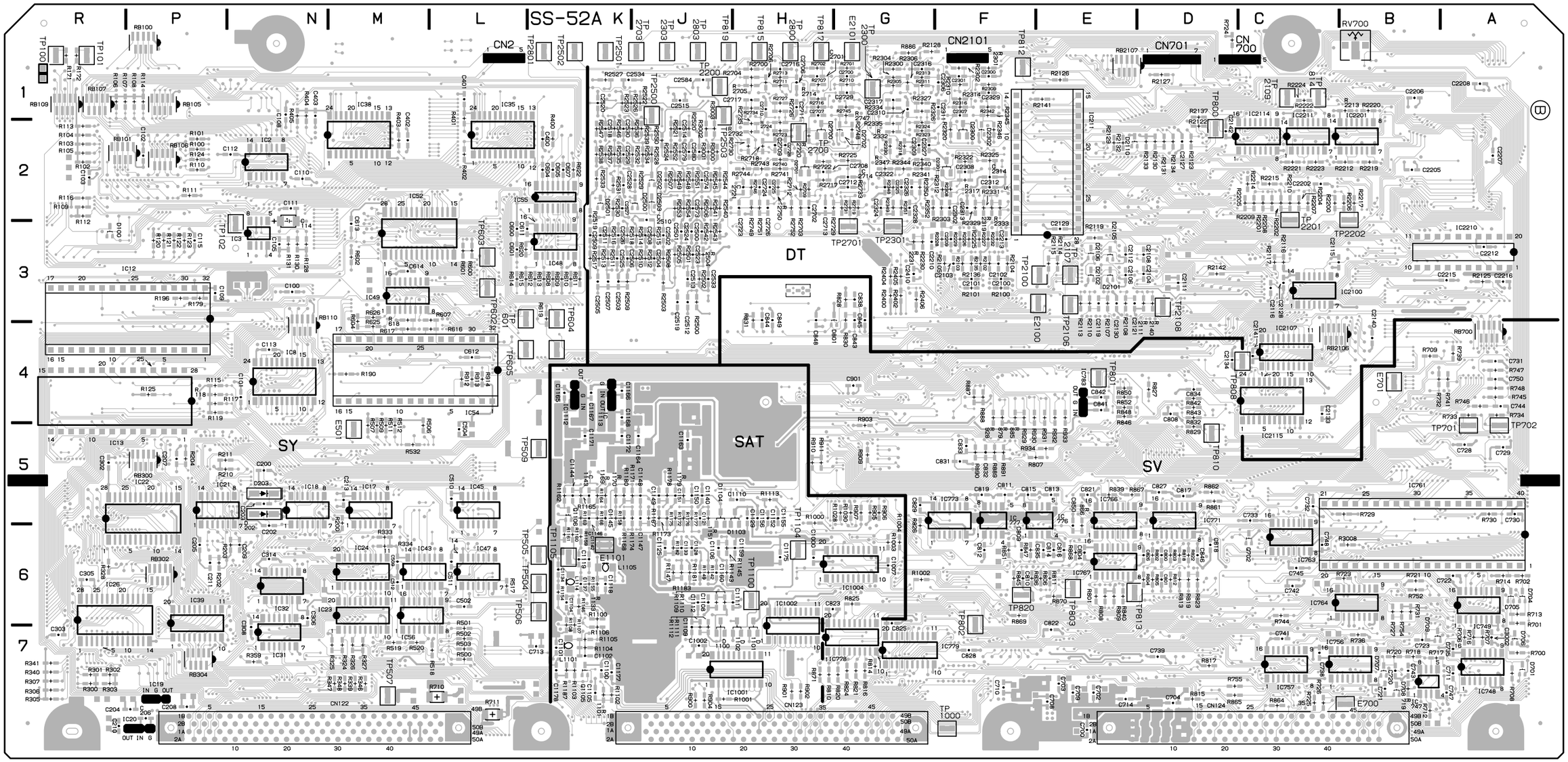
CNI12	P4	IC29	N6	IC2115	*C4	S700	C1
CNI54	L4	IC30	P7	IC2200	C2	S701	B1
CNI211	F3	IC31	*N7	IC2201	*B2	S2100	F1
CNI761	A6	IC32	*N6	IC2202	B2	S2101	E1
		IC34	L2	IC2203	B2		
CN2	L1	IC35	*L2	IC2204	A2	TP100	R1
CN122	N7	IC37	M2	IC2205	A3	TP101	R1
CN123	H7	IC38	*M2	IC2207	A2	TP504	K6
CN124	C7	IC39	*P7	IC2208	F4	TP505	K6
CN700	C1	IC41	N7	IC2209	A3	TP506	K6
CN701	D1	IC42	M7	IC2210	A3	TP507	M7
CN2101	F1	IC43	*M6	IC2211	*C2	TP509	K5
		IC45	*L5	IC2300	G1	TP601	L3
D100	*R3	IC46	L5	IC2301	F1	TP602	L3
D201	N5	IC47	*L6	IC2302	F2	TP603	L3
D202	*N5	IC48	*K3	IC2303	G2	TP604	K3
D203	*N5	IC49	*M3	IC2304	F2	TP605	L4
D300	L1	IC50	M3	IC2305	G2	TP701	A5
D301	M1	IC52	*M3	IC2401	G3	TP702	A5
D600	L3	IC53	K3	IC2500	J3	TP800	D2
D601	L1	IC54	L4	IC2501	J3	TP801	E4
D700	D7	IC55	*K2	IC2502	J3	TP802	F6
D701	*A7	IC56	*M7	IC2503	J2	TP803	E6
D703	B7	IC211	F3	IC2504	J1	TP808	C4
D704	*A6	IC700	F5	IC2505	J2	TP810	D5
D705	*A6	IC702	E7	IC2506	J2	TP812	F1
D706	*A7	IC747	*B7	IC2507	J1	TP813	E6
D707	*B7	IC748	*A7	IC2508	J2	TP814	C1
D708	*B7	IC749	*A6	IC2700	H1	TP815	H1
D709	*B7	IC750	A7	IC2701	G1	TP817	H1
D710	D7	IC751	A5	IC2702	G2	TP819	J1
D711	B1	IC752	C5	IC2703	H2	TP820	F6
D800	G1	IC753	B6	IC2704	G2	TP1000	F7
D801	*G3	IC754	C6	IC2705	H2	TP1100	H6
D1100	*J7	IC755	C6			TP1104	H6
D1101	*H7	IC756	*C7	Q200	N5	TP1105	K6
D1102	*H7	IC757	*C7	Q500	M6	TP2100	E3
D1103	*H5	IC758	A5	Q700	L7	TP2106	E3
D1104	*J5	IC759	B7	Q701	K7	TP2107	E3
D2101	*E3	IC760	C7	Q702	*C6	TP2108	D3
D2102	*E3	IC761	A6	Q1103	J6	TP2109	C1
D2103	E3	IC762	A4	Q1105	*K7	TP2200	J1
D2104	E3	IC763	*C6	Q1106	*K5	TP2201	C2
D2105	*E3	IC764	*B6			TP2202	B2
D2106	*E3	IC765	E6	RB100	*P1	TP2300	G1
D2107	E3	IC766	*E6	RB101	*R2	TP2301	G3
D2108	E3	IC767	*E6	RB103	R3	TP2303	J1
D2109	G1	IC768	D6	RB105	*P1	TP2500	J1
D2110	*E2	IC769	E6	RB106	*P2	TP2501	K1
D2300	*F2	IC770	D6	RB107	*R1	TP2502	K1
D2301	*F2	IC771	*D6	RB109	*R1	TP2503	J1
D2302	*F2	IC772	E6	RB110	*N4	TP2700	H2
D2500	*J2	IC773	*F6	RB300	*P5	TP2701	G3
D2501	*K2	IC774	D5	RB301	P6	TP2703	J1
D2502	*J2	IC775	E6	RB302	*P6	TP2800	H1
D2503	*J2	IC776	*F6	RB304	*P7	TP2801	K1
D2700	*H2	IC777	*F6	RB305	N7	TP2803	J1
D2701	*H2	IC778	*H7	RB306	N7		
D2702	*G2	IC779	*G7	RB307	P6	X3	N3
		IC780	F7	RB600	M2	X4	R2
E501	M5	IC781	E7	RB700	*A4	X500	M6
E700	B7	IC782	G5	RB701	B5	X501	M5
E701	B4	IC783	E4	RB800	F5	X600	M3
E1101	K6	IC800	H4	RB802	G7	X700	B7
E2100	E3	IC801	G4	RB803	G7	X800	D4
E2101	G1	IC802	H4	RB804	G7	X2100	C3
		IC1001	*J7	RB805	F7	X2200	B2
IC1	N3	IC1002	*H7	RB806	F7		
IC2	*N2	IC1003	G6	RB807	F7	*:B SIDE	
IC3	*N3	IC1004	*H6	RB808	F7		
IC5	P2	IC1100	J7	RB809	D7		
IC6	N2	IC1101	K7	RB810	D4		
IC7	N4	IC1102	K7	RB901	G4		
IC8	*N4	IC1105	J6	RB902	G5		
IC10	N2	IC1106	H6	RB903	G5		
IC11	P3	IC1107	K5	RB2100	E3		
IC12	P4	IC1108	J5	RB2101	E3		
IC13	P5	IC1109	H6	RB2102	E3		
IC15	P5	IC1110	H6	RB2103	E3		
IC16	N5	IC1111	J6	RB2104	B4		
IC17	*M5	IC1112	K4	RB2105	C4		
IC18	*N5	IC1113	K4	RB2106	*C4		
IC19	P7	IC2100	*C3	RB2107	*E1		
IC20	P7	IC2101	F3				
IC21	*P5	IC2103	E4	RV700	B1		
IC22	*R6	IC2104	C3				
IC23	*M7	IC2106	C3	S100	P1		
IC24	*M6	IC2107	*C4	S102	R3		
IC25	R5	IC2108	D2	S300	M1		
IC26	*R7	IC2109	D2	S301	N1		
IC27	R6	IC2113	C4	S302	P1		
IC28	P6	IC2114	*C2	S303	P6		



SS-52A BOARD -A SIDE-

1-648-535-14 (LOT No. 511 -)

DVW-A500(J)	; SS-52A	MCB
DVW-A500(UC)	; SS-52A	MCB
DVW-A500P(EK)	; SS-52AP	MCB
DVW-A500P(UC)	; SS-52AP	MCB



SS-52A BOARD -B SIDE-

1-648-535-14 (LOT No. 511 -)

DVW-A500(J)	; SS-52A	MCB
DVW-A500(UC)	; SS-52A	MCB
DVW-A500P(EK)	; SS-52AP	MCB
DVW-A500P(UC)	; SS-52AP	MCB

SS-52A ; System, Servo, Analog/Digital DT control

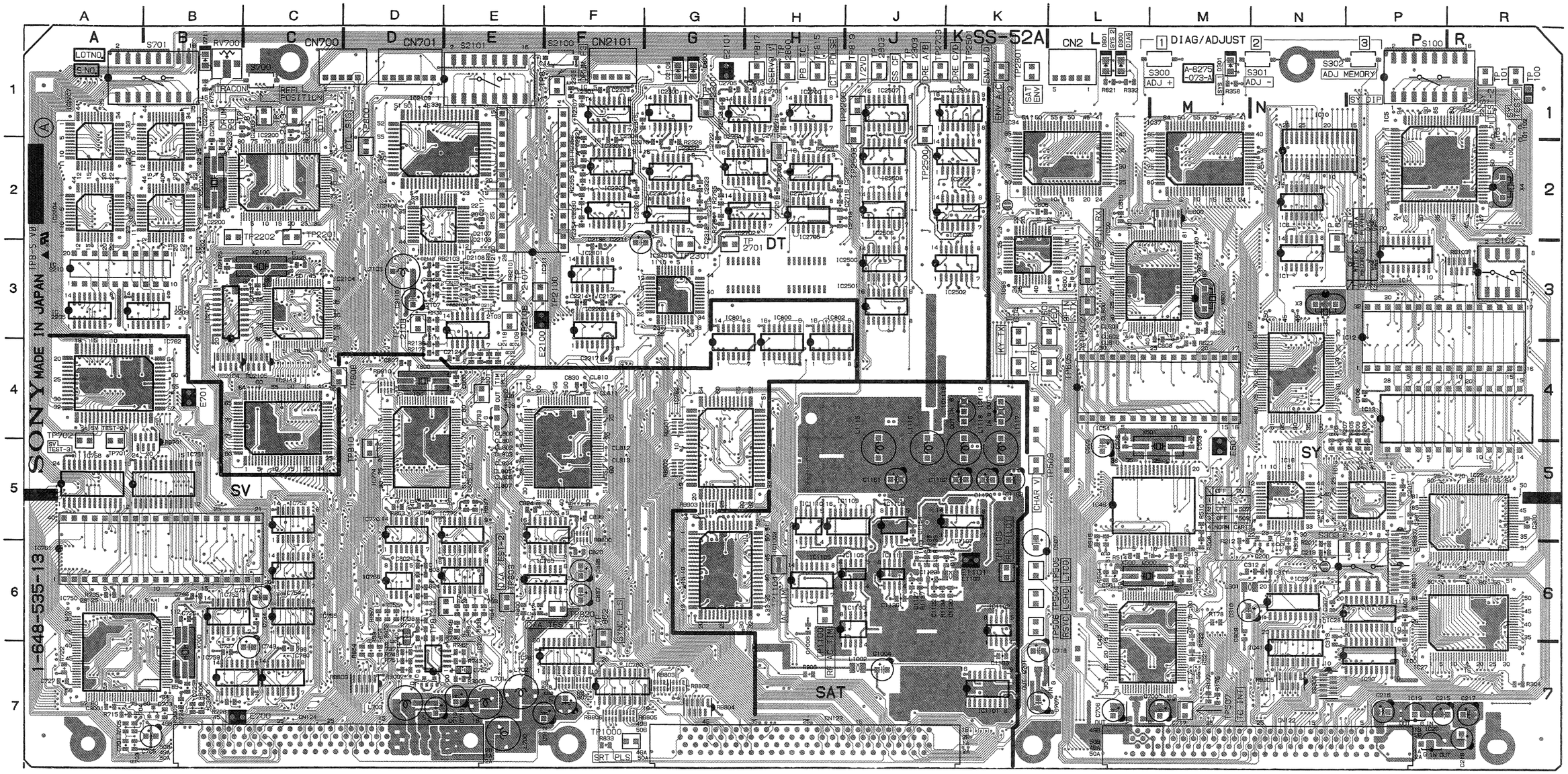
(Board's Lot No. 410 through 510)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)

SS-52A(1-648-535-13)

CN2	L-1	✱IC18	N-5	IC802	H-4	✱RB107	R-1	TP817	H-1		
CN122	N-7	IC19	P-7	✱IC1001	J-7	✱RB109	R-1	TP819	J-1		
CN123	H-7	IC20	R-7	✱IC1002	H-7	✱RB110	N-4	TP820	F-6		
CN124	C-7	✱IC21	P-5	IC1003	G-6	✱RB300	P-5	TP1000	F-7		
CN700	C-1	✱IC22	R-6	✱IC1004	G-6	RB301	P-6	TP1100	H-6		
CN701	D-1	✱IC23	M-7	IC1100	J-6	✱RB302	P-6	TP1104	H-6		
CN2101	F-1	✱IC24	M-6	IC1101	K-7	✱RB304	P-7	TP1105	K-6		
		IC25	R-5	IC1102	K-7	RB305	N-7	TP2100	E-3		
✱D100	R-3	✱IC26	R-7	IC1105	J-6	RB306	N-7	TP2106	E-3		
D201	N-5	IC27	R-6	IC1106	H-6	RB307	P-6	TP2107	E-3		
✱D202	N-5	IC28	P-6	IC1107	K-5	RB600	M-2	TP2108	D-3		
✱D203	N-5	IC29	N-6	IC1108	J-5	✱RB700	A-4	TP2109	C-1		
D300	L-1	IC30	P-7	IC1109	H-6	RB701	B-5	TP2200	J-1		
D301	M-1	✱IC31	N-7	IC1110	H-6	RB800	F-5	TP2201	C-2		
D600	L-3	✱IC32	N-6	IC1111	J-6	RB802	G-7	TP2202	B-2		
D601	L-1	IC34	L-2	IC1112	K-4	RB803	G-7	TP2300	G-1		
D700	D-7	✱IC35	L-2	IC1113	K-4	RB804	G-7	TP2301	G-3		
✱D701	A-7	IC37	M-2	✱IC2100	C-3	RB805	F-7	TP2303	J-1		
D703	B-7	✱IC38	M-2	IC2101	F-3	RB806	F-7	TP2500	J-1		
✱D704	A-6	✱IC39	P-7	IC2103	E-4	RB807	F-7	TP2501	K-1		
✱D705	A-6	IC41	N-7	IC2104	C-3	RB808	F-7	TP2502	K-1		
✱D706	A-7	IC42	M-7	IC2106	B-3	RB809	D-7	TP2503	J-1		
✱D707	B-7	✱IC43	M-6	✱IC2107	C-4	RB810	D-4	TP2700	H-2		
✱D708	B-7	✱IC45	L-5	IC2108	D-2	RB901	G-4	TP2701	G-3		
✱D709	B-7	IC46	L-5	IC2109	D-2	RB902	G-5	TP2703	J-1		
D710	D-7	✱IC47	L-6	IC2113	C-4	RB903	G-5	TP2800	H-1		
D711	B-1	✱IC48	K-3	✱IC2114	C-2	RB2100	E-3	TP2801	K-1		
D800	G-1	✱IC49	M-3	✱IC2115	C-4	RB2101	E-3	TP2803	J-1		
✱D801	G-4	IC50	M-3	IC2200	C-2	RB2102	E-3				
✱D1100	J-7	✱IC52	M-3	✱IC2201	B-2	RB2103	E-3	X3	N-3		
✱D1101	H-7	IC53	K-3	IC2202	B-2	RB2104	B-4	X4	R-2		
✱D1102	H-7	IC54	L-4	IC2203	B-2	RB2105	C-4	X500	M-6		
✱D1103	H-5	✱IC55	K-2	IC2204	A-2	✱RB2106	C-4	X501	M-5		
✱D1104	J-5	✱IC56	M-7	IC2205	A-3	✱RB2107	E-1	X600	M-3		
✱D2101	E-3	IC211	F-3	IC2207	A-2			X700	B-7		
✱D2102	E-3	IC700	F-5	IC2208	F-4	RV700	B-1	X800	D-4		
D2103	E-3	IC702	E-7	IC2209	A-3			X2100	C-3		
D2104	E-3	✱IC747	B-7	IC2210	A-3	S100	P-1	X2200	B-2		
✱D2105	E-3	✱IC748	A-7	✱IC2211	C-2	S102	R-3				
✱D2106	E-3	✱IC749	A-6	IC2300	G-1	S300	M-1				
D2107	E-3	IC750	A-7	IC2301	F-1	S301	N-1				
D2108	E-3	IC751	A-5	IC2302	F-2	S302	P-1				
D2109	G-1	IC752	C-5	IC2303	G-2	S303	P-6				
✱D2110	E-2	IC753	B-6	IC2304	F-2	S700	C-1				
✱D2300	F-2	IC754	C-6	IC2305	G-2	S701	B-1				
✱D2301	F-2	IC755	C-6	IC2401	G-3	S2100	F-1				
✱D2302	F-2	✱IC756	C-7	IC2500	J-3	S2101	E-1				
✱D2500	J-2	✱IC757	C-7	IC2501	J-3						
✱D2501	K-2	IC758	A-5	IC2502	J-3	SL300	N-6				
✱D2502	J-2	IC759	B-7	IC2503	J-2	SL601	K-2				
✱D2503	J-2	IC760	C-7	IC2504	J-1						
✱D2700	H-2	IC761	A-6	IC2505	J-2	TP100	R-1				
✱D2701	H-2	IC762	A-4	IC2506	J-2	TP101	R-1				
✱D2702	G-2	✱IC763	C-6	IC2507	J-1	TP102	N-3				
		✱IC764	C-6	IC2508	J-2	TP504	K-6				
E501	M-5	IC765	E-6	IC2700	H-1	TP505	K-6				
E700	B-7	✱IC766	E-6	IC2701	G-1	TP506	K-6				
E701	B-4	✱IC767	E-6	IC2702	G-2	TP507	M-7				
E1101	K-6	IC768	D-6	IC2703	H-2	TP509	K-5				
E2100	E-3	IC769	E-6	IC2704	G-2	TP601	L-3				
E2101	G-1	IC770	D-6	IC2705	H-2	TP602	L-3				
		✱IC771	D-6			TP603	L-3				
IC1	N-3	IC772	E-6	Q200	N-5	TP604	K-3				
✱IC2	N-2	✱IC773	F-6	Q500	M-6	TP605	L-4				
✱IC3	N-3	IC774	D-5	Q700	L-7	TP701	A-5				
IC5	P-2	IC775	E-6	Q701	K-7	TP702	A-5				
IC6	N-2	✱IC776	F-6	✱Q702	C-6	TP800	D-2				
IC7	N-4	✱IC777	F-6	Q1103	J-6	TP801	E-4				
✱IC8	N-4	✱IC778	H-7	✱Q1105	K-7	TP802	F-6				
IC10	N-2	✱IC779	G-7	✱Q1106	K-5	TP803	E-6				
IC11	P-3	IC780	F-7			TP808	C-4				
IC12	P-4	IC781	E-7	✱RB100	P-1	TP810	D-5				
IC13	P-5	IC782	G-5	✱RB101	R-2	TP812	D-4				
IC15	P-5	IC783	E-4	RB103	R-3	TP813	E-6				
IC16	N-5	IC800	H-4	✱RB105	P-1	TP814	D-4				
✱IC17	M-5	IC801	G-4	✱RB106	P-2	TP815	H-1				

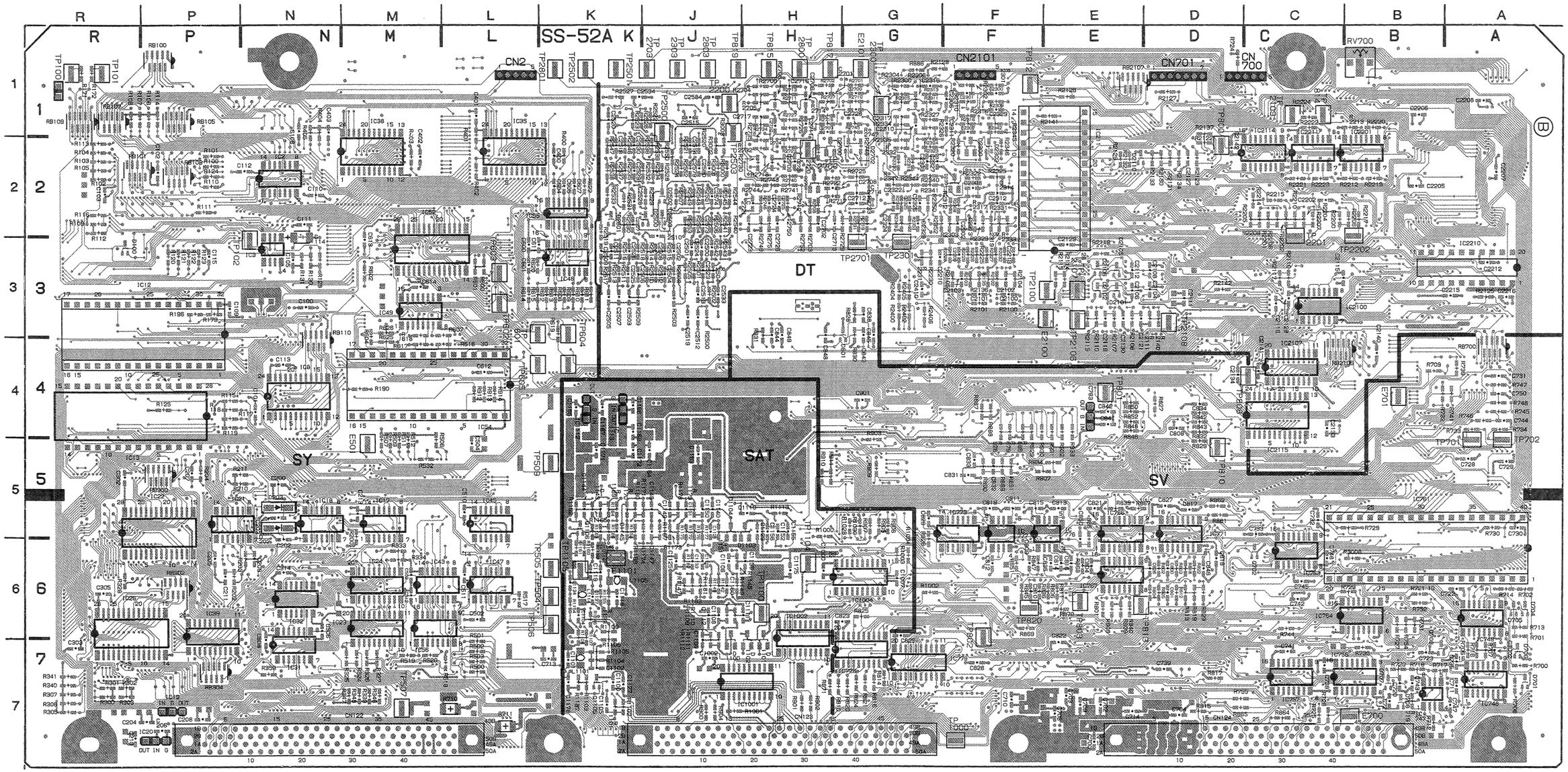
✱ : B SIDE

LOT NO. A-1



SS-52A BOARD -A SIDE-

1-648-535-13 (LOT No. 410 - 510)
DVW-A500(J) ; SS-52A MCB
DVW-A500(UC) ; SS-52A MCB
DVW-A500P(EK) ; SS-52AP MCB
DVW-A500P(UC) ; SS-52AP MCB


SS-52A K
DT
SAT
SY
SV
CN2
CN2101
CN701
CN 700
RV700
TP2701
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TP2100
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TP2860
TP2861

SS-52A ; System, Servo, Analog/Digital DT control

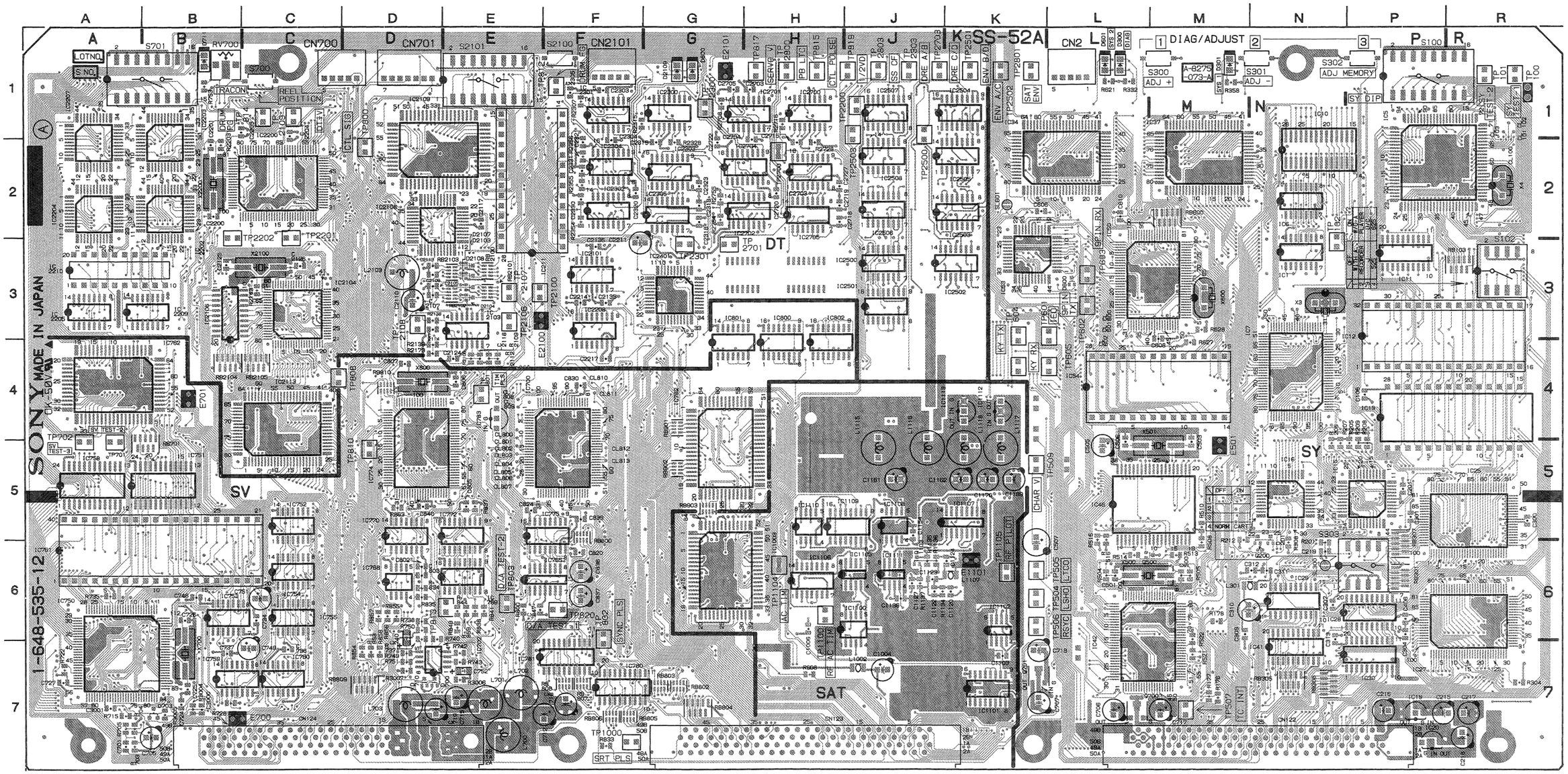
(Board's Lot No. 306 through 409)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)

SS-52A(1-648-535-12)

CN2	L-1	✱IC18	N-5	IC802	H-4	✱RB107	R-1	TP817	H-1
CN122	N-7	IC19	P-7	✱IC1001	J-7	✱RB109	R-1	TP819	J-1
CN123	H-7	IC20	R-7	✱IC1002	H-7	✱RB110	N-4	TP820	F-6
CN124	C-7	✱IC21	P-5	IC1003	G-6	✱RB300	P-5	TP1000	F-7
CN700	C-1	✱IC22	R-6	✱IC1004	G-6	RB301	P-6	TP1100	H-6
CN701	D-1	✱IC23	M-7	IC1100	J-6	✱RB302	P-6	TP1104	H-6
CN2101	F-1	✱IC24	M-6	IC1101	K-7	✱RB304	P-7	TP1105	K-6
		IC25	R-5	IC1102	K-7	RB305	N-7	TP2100	E-3
✱D100	R-3	✱IC26	R-7	IC1105	J-6	RB306	N-7	TP2106	E-3
D201	N-5	IC27	R-6	IC1106	H-6	RB307	P-6	TP2107	E-3
✱D202	N-5	IC28	P-6	IC1107	K-5	RB600	M-2	TP2108	D-3
✱D203	N-5	IC29	N-6	IC1108	J-5	✱RB700	A-4	TP2109	C-1
D300	L-1	IC30	P-7	IC1109	H-6	RB701	B-5	TP2200	J-1
D301	M-1	✱IC31	N-7	IC1110	H-6	RB800	F-5	TP2201	C-2
D600	L-3	✱IC32	N-6	IC1111	J-6	RB802	G-7	TP2202	B-2
D601	L-1	IC34	L-2	IC1112	K-4	RB803	G-7	TP2300	G-1
D700	D-7	✱IC35	L-2	IC1113	K-4	RB804	G-7	TP2301	G-3
✱D701	A-7	IC37	M-2	✱IC2100	C-3	RB805	F-7	TP2303	J-1
D703	B-7	✱IC38	M-2	IC2101	F-3	RB806	F-7	TP2500	J-1
✱D704	A-6	✱IC39	P-7	IC2103	E-4	RB807	F-7	TP2501	K-1
✱D705	A-6	IC41	N-7	IC2104	C-3	RB808	F-7	TP2502	K-1
✱D706	A-7	IC42	M-7	IC2106	B-3	RB809	D-7	TP2503	J-1
✱D707	B-7	✱IC43	M-6	✱IC2107	C-4	RB810	D-4	TP2700	H-2
✱D708	B-7	✱IC45	L-5	IC2108	D-2	RB901	G-4	TP2701	G-3
✱D709	B-7	IC46	L-5	IC2109	D-2	RB902	G-5	TP2703	J-1
D710	D-7	✱IC47	L-6	IC2113	C-4	RB903	G-5	TP2800	H-1
D711	B-1	✱IC48	K-3	✱IC2114	C-2	RB2100	E-3	TP2801	K-1
D800	G-1	✱IC49	M-3	✱IC2115	C-4	RB2101	E-3	TP2803	J-1
✱D801	G-4	IC50	M-3	IC2200	C-2	RB2102	E-3		
✱D1100	J-7	✱IC52	M-3	✱IC2201	B-2	RB2103	E-3	X3	N-3
✱D1101	H-7	IC53	K-3	IC2202	B-2	RB2104	B-4	X4	R-2
✱D1102	H-7	IC54	L-4	IC2203	B-2	RB2105	C-4	X500	M-6
✱D1103	H-5	✱IC55	K-2	IC2204	A-2	✱RB2106	C-4	X501	M-5
✱D1104	J-5	✱IC56	M-7	IC2205	A-3	✱RB2107	E-1	X600	M-3
✱D2101	E-3	IC211	F-3	IC2207	A-2			X700	B-7
✱D2102	E-3	IC700	F-5	IC2208	F-4	RV700	B-1	X800	D-4
D2103	E-3	IC702	E-7	IC2209	A-3			X2100	C-3
D2104	E-3	✱IC747	B-7	IC2210	A-3	S100	P-1	X2200	B-2
✱D2105	E-3	✱IC748	A-7	✱IC2211	C-2	S102	R-3		
✱D2106	E-3	✱IC749	A-6	IC2300	G-1	S300	M-1		
D2107	E-3	IC750	A-7	IC2301	F-1	S301	N-1		
D2108	E-3	IC751	A-5	IC2302	F-2	S302	P-1		
D2109	G-1	IC752	C-5	IC2303	G-2	S303	P-6		
✱D2110	E-2	IC753	B-6	IC2304	F-2	S700	C-1		
✱D2300	F-2	IC754	C-6	IC2305	G-2	S701	B-1		
✱D2301	F-2	IC755	C-6	IC2401	G-3	S2100	F-1		
✱D2302	F-2	✱IC756	C-7	IC2500	J-3	S2101	E-1		
✱D2500	J-2	✱IC757	C-7	IC2501	J-3				
✱D2501	K-2	IC758	A-5	IC2502	J-3	SL300	N-6		
✱D2502	J-2	IC759	B-7	IC2503	J-2	SL601	K-2		
✱D2503	J-2	IC760	C-7	IC2504	J-1				
✱D2700	H-2	IC761	A-6	IC2505	J-2	TP100	R-1		
✱D2701	H-2	IC762	A-4	IC2506	J-2	TP101	R-1		
✱D2702	G-2	✱IC763	C-6	IC2507	J-1	TP102	N-3		
		✱IC764	C-6	IC2508	J-2	TP504	K-6		
E501	M-5	IC765	E-6	IC2700	H-1	TP505	K-6		
E700	B-7	✱IC766	E-6	IC2701	G-1	TP506	K-6		
E701	B-4	✱IC767	E-6	IC2702	G-2	TP507	M-7		
E1101	K-6	IC768	D-6	IC2703	H-2	TP509	K-5		
E2100	E-3	IC769	E-6	IC2704	G-2	TP601	L-3		
E2101	G-1	IC770	D-6	IC2705	H-2	TP602	L-3		
		✱IC771	D-6			TP603	L-3		
IC1	N-3	IC772	E-6	Q200	N-5	TP604	K-3		
✱IC2	N-2	✱IC773	F-6	Q500	M-6	TP605	L-4		
✱IC3	N-3	IC774	D-5	Q700	L-7	TP701	A-5		
IC5	P-2	IC775	E-6	Q701	K-7	TP702	A-5		
IC6	N-2	✱IC776	F-6	✱Q702	C-6	TP800	D-2		
IC7	N-4	✱IC777	F-6	Q1103	J-6	TP801	E-4		
✱IC8	N-4	✱IC778	H-7	✱Q1105	K-7	TP802	F-6		
IC10	N-2	✱IC779	G-7	✱Q1106	K-5	TP803	E-6		
IC11	P-3	IC780	F-7			TP808	C-4		
IC12	P-4	IC781	E-7	✱RB100	P-1	TP810	D-5		
IC13	P-5	IC782	G-5	✱RB101	R-2	TP812	D-4		
IC15	P-5	IC783	E-4	RB103	R-3	TP813	E-6		
IC16	N-5	IC800	H-4	✱RB105	P-1	TP814	D-4		
✱IC17	M-5	IC801	G-4	✱RB106	P-2	TP815	H-1		

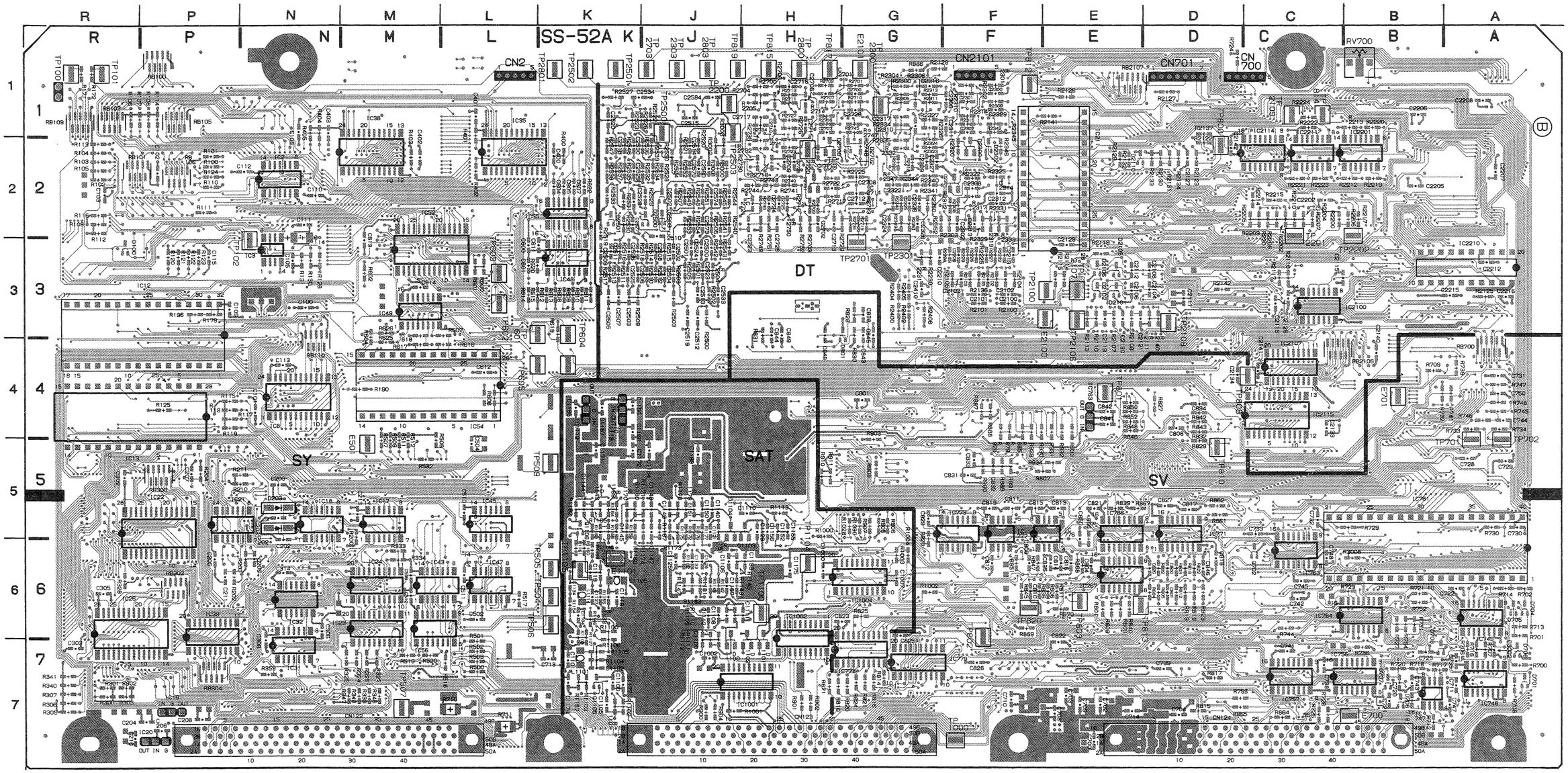
✱ : B SIDE

LOT NO. A-1



SS-52A BOARD -A SIDE-

1-648-535-12 (LOT No. 306 - 409)
DVW-A500(J) ; SS-52A MCB
DVW-A500(UC) ; SS-52A MCB
DVW-A500P(EK) ; SS-52AP MCB
DVW-A500P(UC) ; SS-52AP MCB


SS-52A K
CN2
CN2101
CN701
CN 700
RV700
DT
SAT
SY
SV
TP2701
TP2301
TP2201
TP2202
TP701
TP702
TP2100
TP2105
TP2106
TP2107
TP2108
TP2109
TP2110
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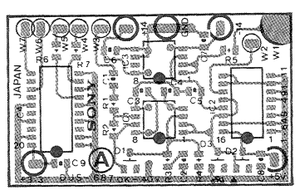
TP2036
TP2037
TP2038
TP2039

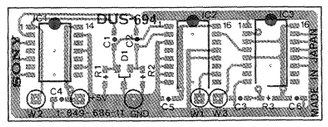
SS-52A, DUS-687/694

SS-52A ; System, Servo, Analog/Digital DT control
DUS-687/694

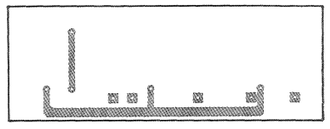
(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)



DUS-687 BOARD -A SIDE-
1-649-491-11



DUS-694 BOARD -A SIDE-
1-649-686-11



DUS-694 BOARD -B SIDE-
1-649-686-11

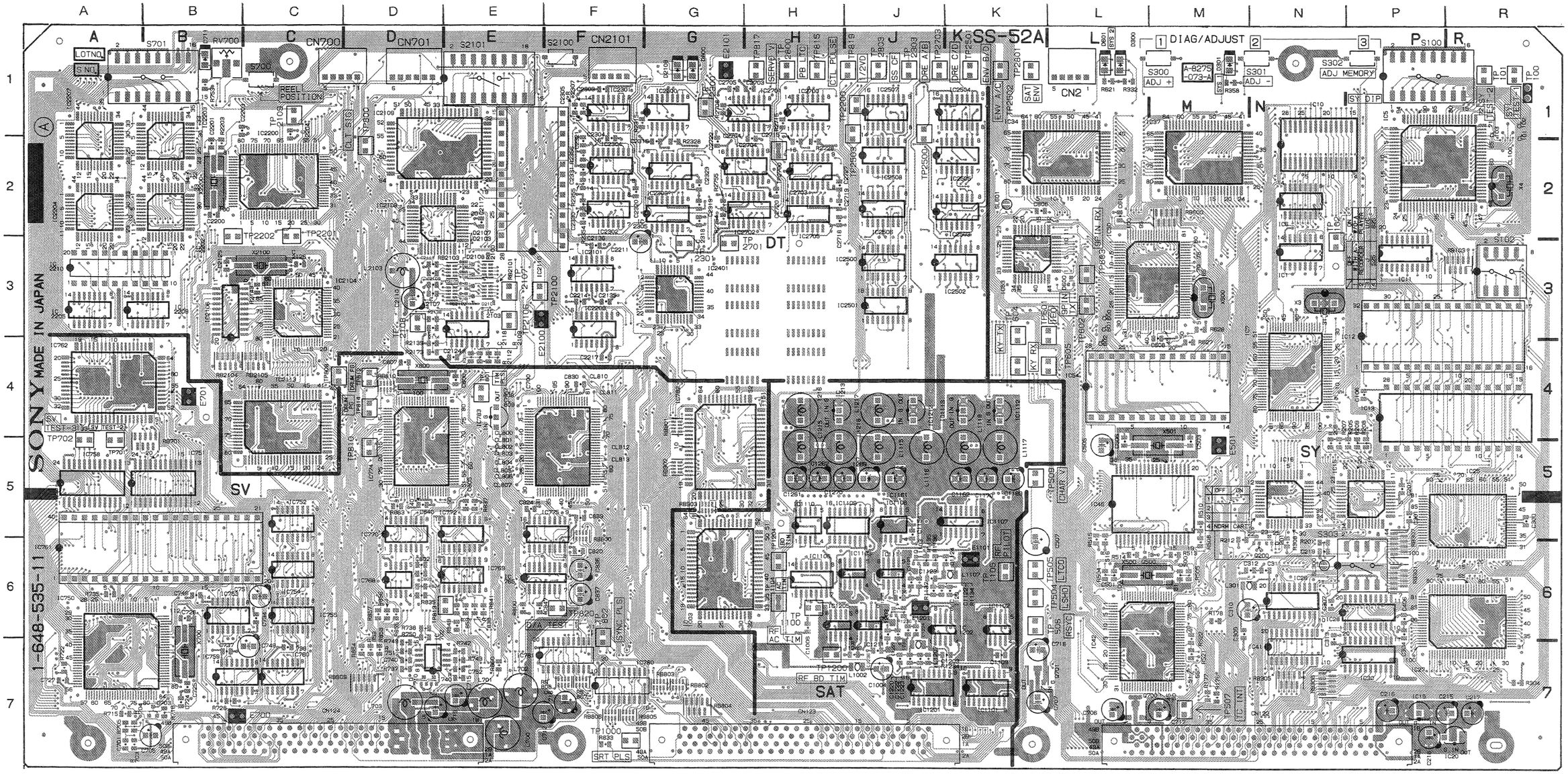
SS-52A(1-648-535-11)

CN2	L-1	✱IC21	P-5	IC1106	H-6	✱RB107	R-1	TP819	J-1
CN122	N-7	✱IC22	R-6	IC1107	K-5	✱RB109	R-1	TP820	F-6
CN123	H-7	✱IC23	M-7	IC1108	J-5	✱RB110	N-4	TP1000	F-7
CN124	C-7	✱IC24	M-6	IC1109	H-6	✱RB300	P-5	TP1100	H-6
CN700	C-1	IC25	R-5	IC1110	H-6	RB301	P-6	TP1104	H-6
CN701	D-1	✱IC26	R-7	IC1111	J-6	✱RB302	P-6	TP1105	K-6
CN2101	F-1	IC27	R-6	IC1112	K-4	✱RB304	P-7	TP1200	H-7
		IC28	P-6	IC1113	K-4	RB305	N-7	TP1204	H-6
✱D100	R-3	IC29	N-6	IC1201	J-7	RB306	N-7	TP2100	E-3
D201	N-5	IC30	P-7	IC1202	J-7	RB307	P-6	TP2106	E-3
✱D202	N-5	✱IC31	N-7	IC1205	H-6	RB600	M-2	TP2107	E-3
✱D203	N-5	✱IC32	N-6	IC1211	J-6	✱RB700	A-4	TP2108	D-3
D300	L-1	IC34	L-2	IC1212	J-4	RB701	B-5	TP2109	C-1
D301	M-1	✱IC35	L-2	IC1213	H-4	RB800	F-5	TP2200	J-1
D600	L-3	IC37	M-2	✱IC2100	C-3	RB802	G-7	TP2201	C-2
D601	L-1	✱IC38	M-2	IC2101	F-3	RB803	G-7	TP2202	B-2
D700	D-7	✱IC39	P-7	IC2103	E-4	RB804	G-7	TP2300	G-1
✱D701	A-7	IC41	N-7	IC2104	C-3	RB805	F-7	TP2301	G-3
D703	B-7	IC42	M-7	IC2106	B-3	RB806	F-7	TP2303	J-1
✱D704	A-6	✱IC43	M-6	✱IC2107	C-4	RB807	F-7	TP2500	J-1
✱D705	A-6	✱IC45	L-5	IC2108	D-2	RB808	F-7	TP2501	K-1
✱D706	A-7	IC46	L-5	IC2109	D-2	RB809	D-7	TP2502	K-1
✱D707	B-7	✱IC47	L-6	IC2110	F-3	RB810	D-4	TP2503	J-1
✱D708	B-7	✱IC48	K-3	IC2113	C-4	RB901	G-4	TP2700	H-2
✱D709	B-7	✱IC49	M-3	✱IC2114	C-2	RB902	G-5	TP2701	G-3
D710	D-7	IC50	M-3	✱IC2115	C-4	RB903	G-5	TP2703	J-1
D711	B-1	✱IC52	M-3	IC2200	C-2	RB2100	E-3	TP2800	H-1
D800	G-1	IC53	K-3	✱IC2201	B-2	RB2101	E-3	TP2801	K-1
✱D1103	H-5	IC54	L-4	IC2202	B-2	RB2102	E-3	TP2803	J-1
✱D1104	J-5	✱IC55	K-2	IC2203	B-2	RB2103	E-3		
✱D2101	E-3	✱IC56	M-7	IC2204	A-2	RB2104	B-4	X3	N-3
✱D2102	E-3	IC700	F-5	IC2205	A-3	RB2105	C-4	X4	R-2
D2103	E-3	IC702	E-7	IC2207	A-2	✱RB2106	C-4	X500	M-6
D2104	E-3	✱IC747	B-7	IC2208	F-4	✱RB2107	E-1	X501	M-5
✱D2105	E-3	✱IC748	A-7	IC2209	A-3			X600	M-3
✱D2106	E-3	✱IC749	A-6	IC2210	A-3	RV700	B-1	X700	B-7
D2107	E-3	IC750	A-7	✱IC2211	C-2			X800	D-4
D2108	E-3	IC751	A-5	IC2300	G-1	S100	P-1	X2100	C-3
D2109	G-1	IC752	C-5	IC2301	F-1	S102	R-3	X2200	B-2
✱D2110	E-2	IC753	B-6	IC2302	F-2	S300	M-1		
✱D2300	F-2	IC754	C-6	IC2303	G-2	S301	N-1		
✱D2301	F-2	IC755	C-6	IC2304	F-2	S302	P-1		
✱D2302	F-2	✱IC756	C-7	IC2305	G-2	S303	P-6		
✱D2500	J-2	✱IC757	C-7	IC2401	G-3	S700	C-1		
✱D2501	K-2	IC758	A-5	IC2500	J-3	S701	B-1		
✱D2502	J-2	IC759	B-7	IC2501	J-3	S2100	F-1		
✱D2503	J-2	IC760	C-7	IC2502	J-3	S2101	E-1		
✱D2700	H-2	IC761	A-6	IC2503	J-2				
✱D2701	H-2	IC762	A-4	IC2504	J-1	SL300	N-6		
✱D2702	G-2	✱IC763	C-6	IC2505	J-2	SL601	K-2		
		✱IC764	C-6	IC2506	J-2				
E501	M-5	IC765	E-6	IC2507	J-1	TP100	R-1		
E700	B-7	✱IC766	E-6	IC2508	J-2	TP101	R-1		
E701	B-4	✱IC767	E-6	IC2700	H-1	TP102	N-3		
E1101	K-6	IC768	D-6	IC2701	G-1	TP504	K-6		
E1201	J-6	IC769	E-6	IC2702	G-2	TP505	K-6		
E2100	E-3	IC770	D-6	IC2703	H-2	TP506	K-6		
E2101	G-1	✱IC771	D-6	IC2704	G-2	TP507	M-7		
		IC772	E-6	IC2705	H-2	TP509	K-5		
IC1	N-3	✱IC773	F-6			TP601	L-3		
✱IC2	N-2	IC774	D-5	Q200	N-5	TP602	L-3		
✱IC3	N-3	IC775	E-6	Q500	M-6	TP603	L-3		
IC5	P-2	✱IC776	F-6	Q700	L-7	TP604	K-3		
IC6	N-2	✱IC777	F-6	Q701	K-7	TP605	L-4		
IC7	N-4	✱IC778	H-7	✱Q702	C-6	TP701	A-5		
✱IC8	N-4	✱IC779	G-7	Q1103	J-6	TP702	A-5		
IC10	N-2	IC780	F-7	✱Q1105	K-7	TP800	D-2		
IC11	P-3	IC781	E-7	✱Q1106	K-5	TP801	E-4		
IC12	P-4	IC782	G-5	Q1203	J-6	TP802	F-6		
IC13	P-5	IC783	E-4	✱Q1205	J-7	TP808	C-4		
IC15	P-5	✱IC1001	J-7			TP810	D-5		
IC16	N-5	✱IC1002	H-7	✱RB100	P-1	TP812	D-4		
✱IC17	M-5	IC1003	G-6	✱RB101	R-2	TP813	E-6		
✱IC18	N-5	IC1101	K-7	RB103	R-3	TP814	D-4		
IC19	P-7	IC1102	K-7	✱RB105	P-1	TP815	H-1		
IC20	R-7	IC1105	J-6	✱RB106	P-2	TP817	H-1		

✱ : B SIDE

LOT NO. A-1

1-75 (a)


SS-52A
SONY MADE IN JAPAN
1-648-535-11
DIAG/ADJUST
SV
SY
DT
SAT
CN2
CN700
CN701
CN2101
S2100
S2101
S701
RV700
S700
S300
S301
S302
ADJ MEMORY
S100
SY DIP
TP2701
TP2202
TP2201
TP2100
TP2500
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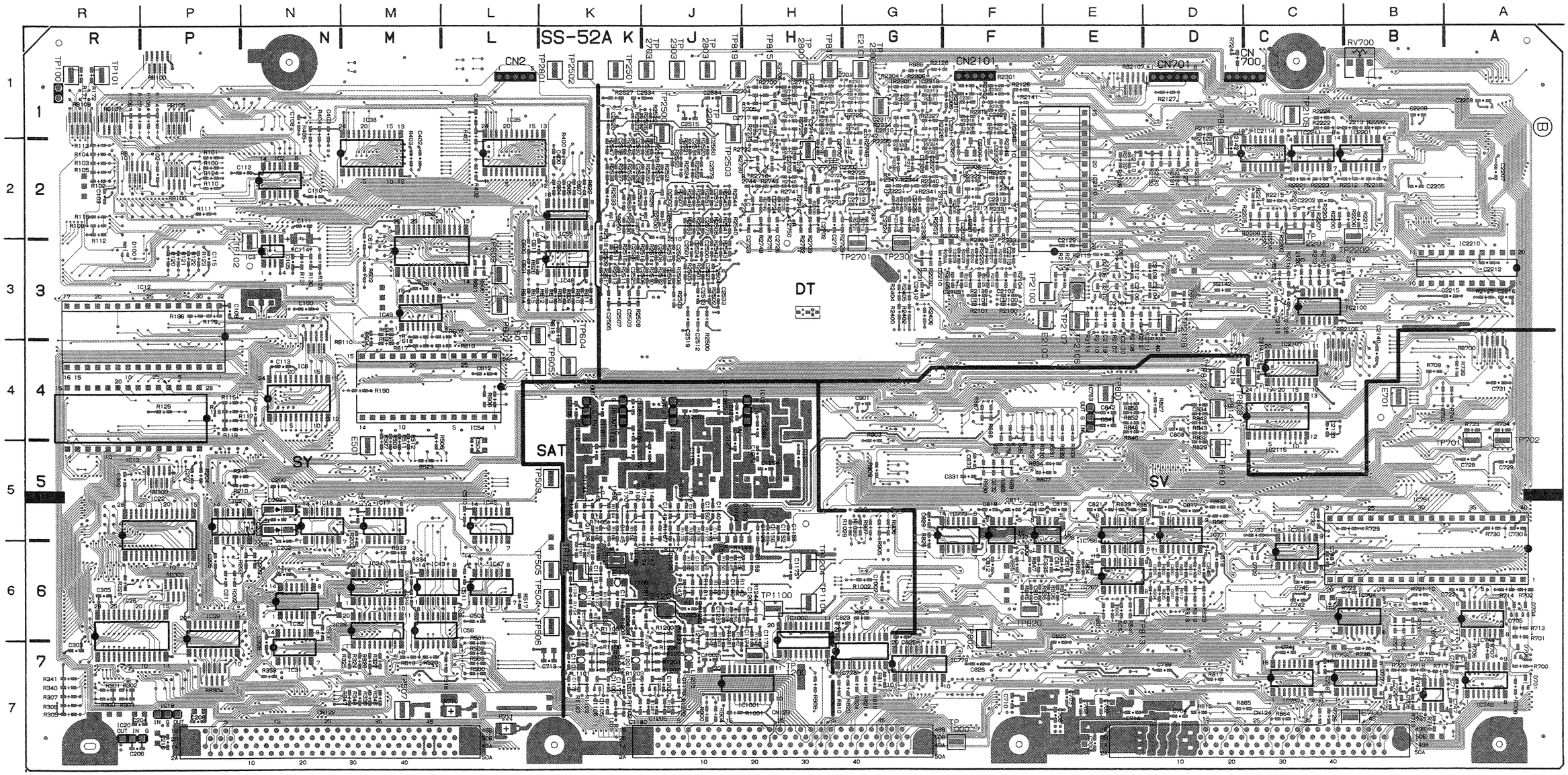
SS-52A K
CN2
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IC1241
IC1242
IC1243

SS-52B ; System, Servo, Digital DT control for Player

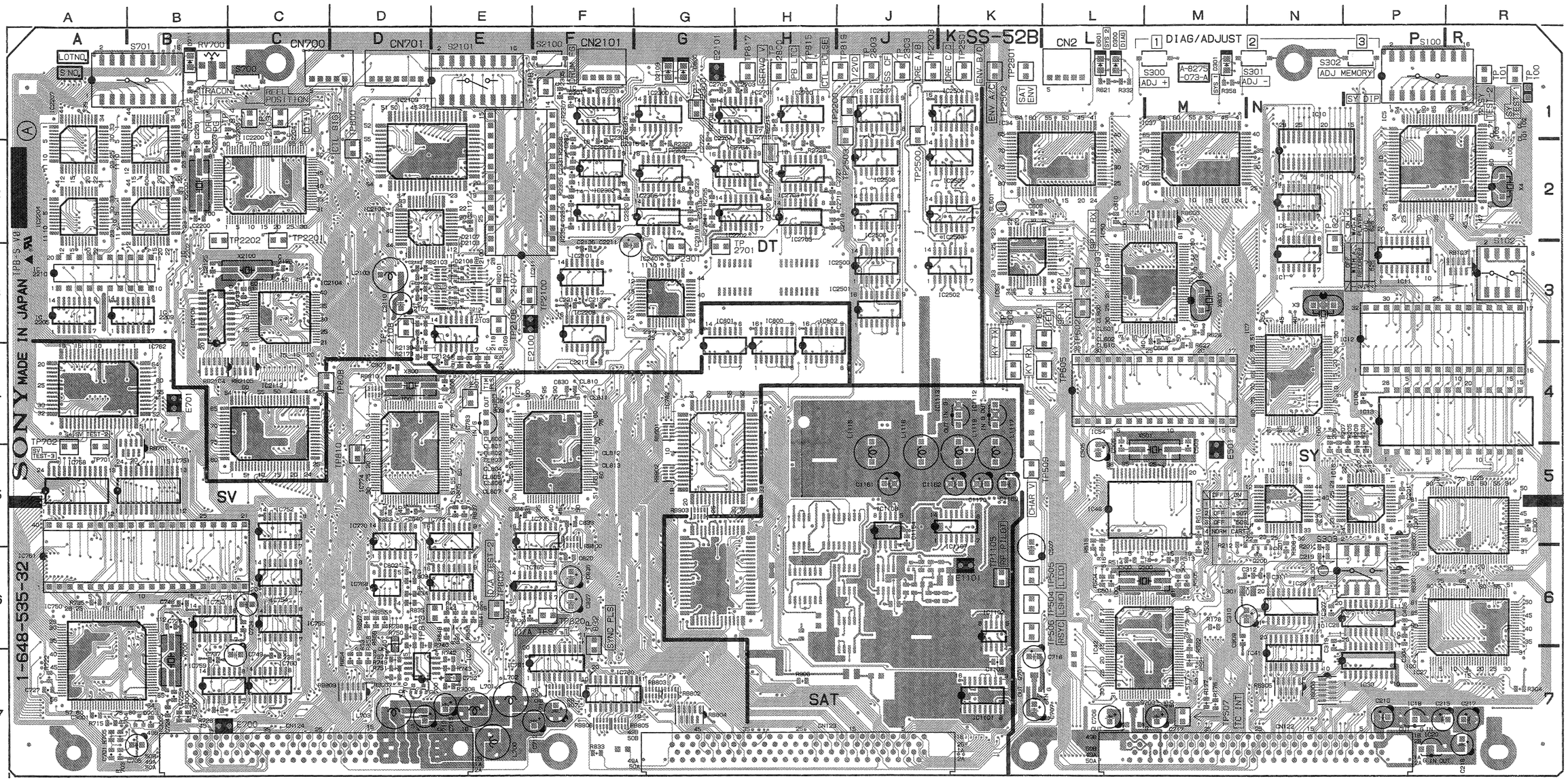
(Board's Lot No. 410 and higher)
All player models

SS-52B(1-648-535-32)

CN2	L-1	✱IC23	M-7	IC1108	J-5	RB803	G-7	TP2303	J-1
CN122	N-7	✱IC24	M-6	IC1112	K-4	RB804	G-7	TP2500	J-1
CN123	H-7	IC25	R-5	IC1113	K-4	RB805	F-7	TP2501	K-1
CN124	C-7	✱IC26	R-7	✱IC2100	C-3	RB806	F-7	TP2502	K-1
CN700	C-1	IC27	R-6	IC2101	F-3	RB807	F-7	TP2503	J-1
CN701	D-1	IC28	P-6	IC2103	E-4	RB808	F-7	TP2700	H-2
CN2101	F-1	IC29	N-6	IC2104	C-3	RB809	D-7	TP2701	G-3
		IC30	P-7	IC2106	B-3	RB810	D-4	TP2703	J-1
✱D100	R-3	✱IC31	N-7	✱IC2107	C-4	RB901	G-4	TP2800	H-1
D201	N-5	✱IC32	N-6	IC2108	D-2	RB902	G-5	TP2801	K-1
✱D202	N-5	IC34	L-2	IC2109	D-2	RB903	G-5	TP2803	J-1
✱D203	N-5	✱IC35	L-2	IC2113	C-4	RB2100	E-3		
D300	L-1	IC37	M-2	✱IC2114	C-2	RB2101	E-3	X3	N-3
D301	M-1	✱IC38	M-2	✱IC2115	C-4	RB2102	E-3	X4	R-2
D600	L-3	✱IC39	P-7	IC2200	C-2	RB2103	E-3	X500	M-6
D601	L-1	IC41	N-7	✱IC2201	B-1	RB2104	B-4	X501	M-5
✱D701	A-7	IC42	M-7	IC2202	B-2	RB2105	C-4	X600	M-3
D703	B-7	✱IC43	M-6	IC2203	B-2	✱RB2106	C-4	X700	B-7
✱D704	A-6	✱IC45	L-5	IC2204	A-2	✱RB2107	E-1	X800	D-4
✱D705	A-6	IC46	L-5	IC2205	A-3			X2100	C-3
✱D706	A-7	✱IC47	L-6	IC2207	A-2	RV700	B-1	X2200	B-2
✱D707	B-7	✱IC48	K-3	IC2208	F-4				
✱D708	B-7	✱IC49	M-3	IC2209	A-3	S100	P-1		
✱D709	B-7	IC50	M-3	IC2210	A-3	S102	R-3		
D710	D-7	✱IC52	M-3	✱IC2211	C-2	S300	M-1		
D711	B-1	IC53	K-3	IC2300	G-1	S301	N-1		
D800	G-1	IC54	L-4	IC2301	F-1	S302	P-1		
✱D801	G-4	✱IC55	K-2	IC2302	F-2	S303	P-6		
✱D1103	H-5	✱IC56	M-7	IC2303	G-2	S700	C-1		
✱D1104	J-5	IC211	F-3	IC2304	F-2	S701	B-1		
✱D2101	E-3	IC700	F-5	IC2305	G-2	S2100	F-1		
✱D2102	E-3	IC702	E-7	IC2401	G-3	S2101	E-1		
D2103	E-3	✱IC747	B-7	IC2500	J-3				
D2104	E-3	✱IC748	A-7	IC2501	J-3	SL300	N-6		
✱D2105	E-3	✱IC749	A-6	IC2502	J-3	SL601	K-2		
✱D2106	E-3	IC750	A-7	IC2503	J-2				
D2107	E-3	IC751	A-5	IC2504	J-1	TP100	R-1		
D2108	E-3	IC752	C-5	IC2505	J-2	TP101	R-1		
D2109	G-1	IC753	B-6	IC2506	J-2	TP102	N-3		
✱D2110	E-2	IC754	C-6	IC2507	J-1	TP504	K-6		
✱D2300	F-2	IC755	C-6	IC2508	J-2	TP505	K-6		
✱D2302	F-2	✱IC756	C-7	IC2700	H-1	TP506	K-6		
✱D2500	J-2	✱IC757	C-7	IC2701	G-1	TP507	M-7		
✱D2501	K-2	IC758	A-5	IC2702	G-2	TP509	K-5		
✱D2502	J-2	IC759	B-7	IC2703	H-2	TP601	L-3		
✱D2503	J-2	IC760	C-7	IC2704	G-2	TP602	L-3		
✱D2700	H-2	IC761	A-6	IC2705	H-2	TP603	L-3		
✱D2701	H-2	IC762	A-4			TP604	K-3		
✱D2702	G-2	✱IC763	C-6	Q200	N-5	TP605	L-4		
		✱IC764	C-6	Q500	M-6	TP701	A-5		
E501	M-5	IC765	E-6	Q700	L-7	TP702	A-5		
E700	B-7	✱IC766	E-6	Q701	K-7	TP800	D-2		
E701	B-4	✱IC767	E-6	✱Q702	C-6	TP801	E-4		
E1101	K-6	IC768	D-6	✱Q1105	K-7	TP802	F-6		
E2100	E-3	IC769	E-6	✱Q1106	K-5	TP803	E-6		
E2101	G-1	IC770	D-6			TP808	C-4		
		✱IC771	D-6	✱RB100	P-1	TP810	D-5		
IC1	N-3	IC772	E-6	✱RB101	R-2	TP812	D-4		
✱IC2	N-2	✱IC773	F-6	RB103	R-3	TP813	E-6		
✱IC3	N-3	IC774	D-5	✱RB105	P-1	TP814	D-4		
IC5	P-2	IC775	E-6	✱RB106	P-2	TP815	H-1		
IC6	N-2	✱IC776	F-6	✱RB107	R-1	TP817	H-1		
IC7	N-4	✱IC777	F-6	✱RB109	R-1	TP819	J-1		
✱IC8	N-4	✱IC778	H-7	✱RB110	N-4	TP820	F-6		
IC10	N-2	✱IC779	G-7	✱RB300	P-5	TP1000	F-7		
IC11	P-3	IC780	F-7	RB301	P-6	TP1105	K-6		
IC12	P-4	IC781	E-7	✱RB302	P-6	TP2100	E-3		
IC13	P-5	IC782	G-5	✱RB304	P-7	TP2106	E-3		
IC15	P-5	IC783	E-4	RB305	N-7	TP2107	E-3		
IC16	N-5	IC800	H-4	RB306	N-7	TP2108	D-3		
✱IC17	M-5	IC801	G-4	RB307	P-6	TP2109	C-1		
✱IC18	N-5	IC802	H-4	RB600	M-2	TP2200	J-1		
IC19	P-7	✱IC1004	G-6	✱RB700	A-4	TP2201	C-2		
IC20	R-7	IC1101	K-7	RB701	B-5	TP2202	B-6		
✱IC21	P-5	IC1102	K-7	RB800	F-5	TP2300	G-1		
✱IC22	R-6	IC1107	K-5	RB802	G-7	TP2301	G-3		

✱ : B SIDE

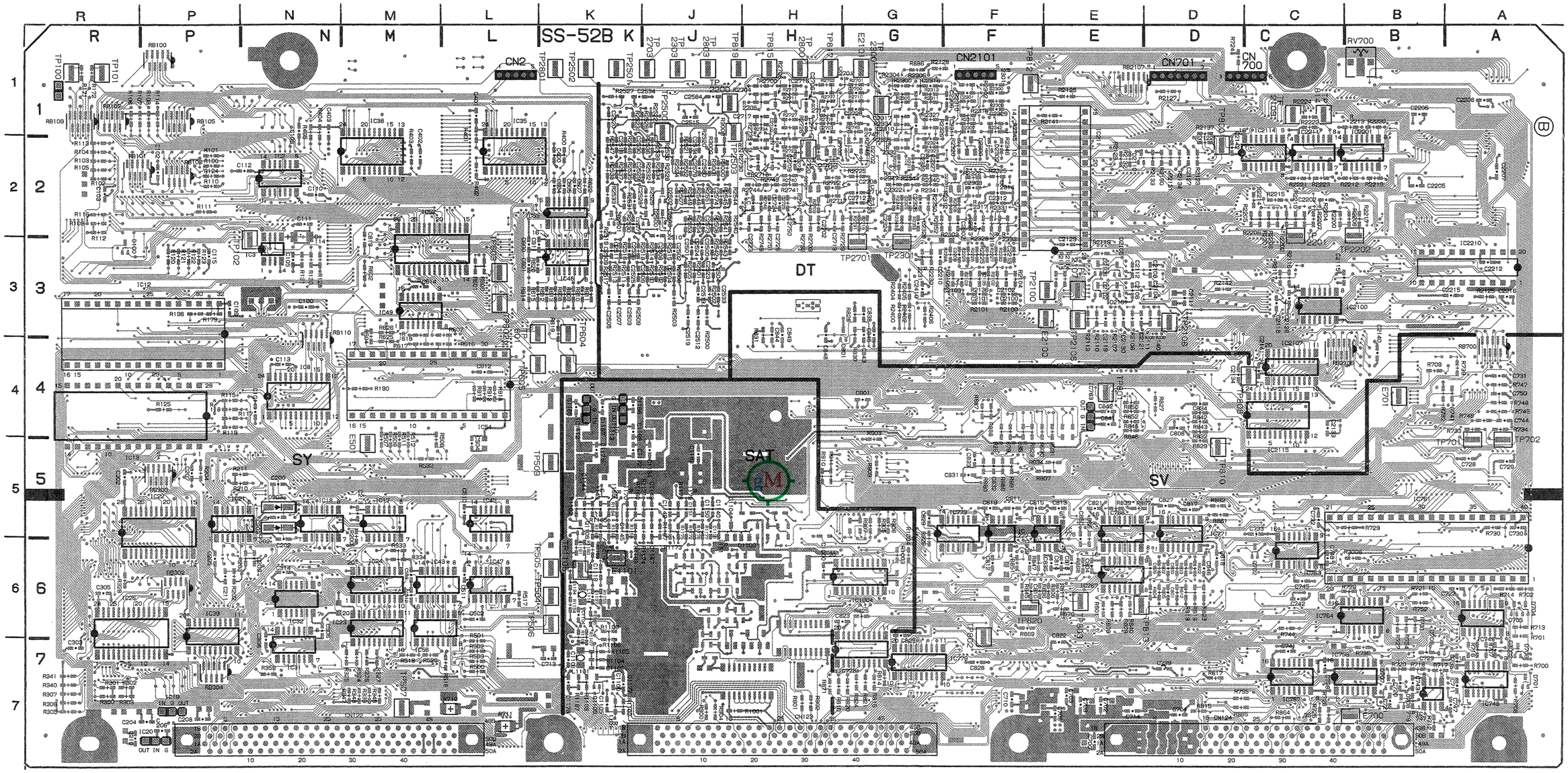
LOT NO. A-1



SS-52B BOARD -A SIDE-

1-648-535-32 (LOT No. 410 -)

DVW-A510(J)	; SS-52BA	MCB
DVW-A510(UC)	; SS-52BA	MCB
DVW-A510P(EK)	; SS-52BAP	MCB
DVW-510(J)	; SS-52B	MCB
DVW-510(UC)	; SS-52B	MCB
DVW-510P(EK)	; SS-52BP	MCB
DVW-CA510(J)	; SS-52BA	MCB
DVW-CA510(UC)	; SS-52BA	MCB
DVW-CA510P(EK)	; SS-52BAP	MCB


SS-52B K
SAT
SY
DT
SV
CN2
CN2101
CN701
CN 700
RV700
TP2701
TP2302
TP2002
TP701
TP702
IC2100
IC2210
IC2115
IC764
IC758
IC748
E780
E701
RB700
RB100
RB109
RB105
RB110
RB2100
RB2101
RB2102
RB2103
RB2104
RB2105
RB2106
RB2107
RB2108
RB2109
RB2110
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RB2127
RB2128
RB2129
RB2130
RB2131
RB2132
RB2133
RB2134
RB2135
RB2136
RB2137
RB2138
RB2139

SS-52B ; System, Servo, Digital DT control for Player

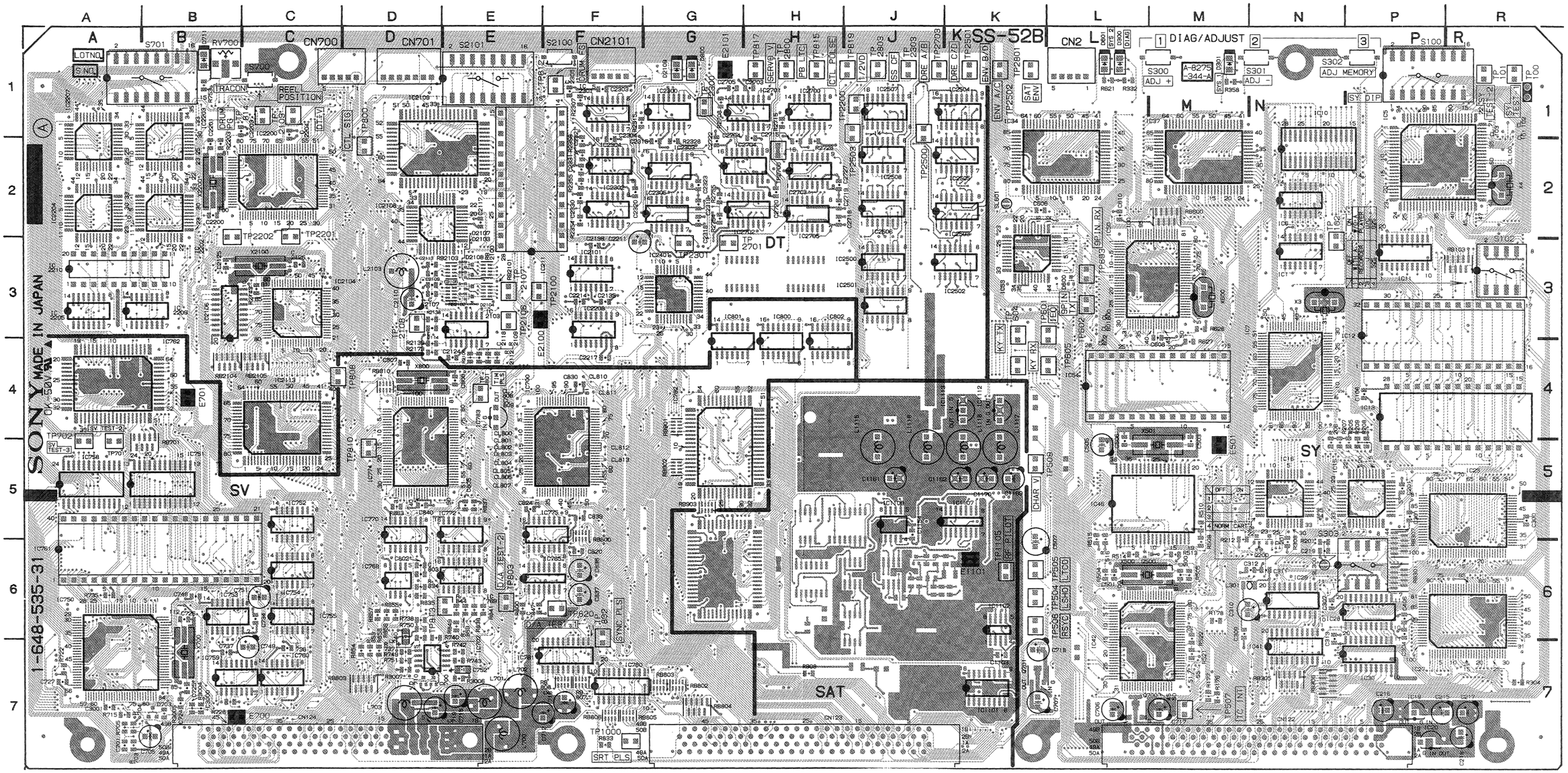
(Board's Lot No. 307 through 409)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

SS-52B(1-648-535-31)

CN2	L-1	✱IC23	M-7	IC1108	J-5	RB803	G-7	TP2303	J-1		
CN122	N-7	✱IC24	M-6	IC1112	K-4	RB804	G-7	TP2500	J-1		
CN123	H-7	IC25	R-5	IC1113	K-4	RB805	F-7	TP2501	K-1		
CN124	C-7	✱IC26	R-7	✱IC2100	C-3	RB806	F-7	TP2502	K-1		
CN700	C-1	IC27	R-6	IC2101	F-3	RB807	F-7	TP2503	J-1		
CN701	D-1	IC28	P-6	IC2103	E-4	RB808	F-7	TP2700	H-2		
CN2101	F-1	IC29	N-6	IC2104	C-3	RB809	D-7	TP2701	G-3		
		IC30	P-7	IC2106	B-3	RB810	D-4	TP2703	J-1		
✱D100	R-3	✱IC31	N-7	✱IC2107	C-4	RB901	G-4	TP2800	H-1		
D201	N-5	✱IC32	N-6	IC2108	D-2	RB902	G-5	TP2801	K-1		
✱D202	N-5	IC34	L-2	IC2109	D-2	RB903	G-5	TP2803	J-1		
✱D203	N-5	✱IC35	L-2	IC2113	C-4	RB2100	E-3				
D300	L-1	IC37	M-2	✱IC2114	C-2	RB2101	E-3	X3	N-3		
D301	M-1	✱IC38	M-2	✱IC2115	C-4	RB2102	E-3	X4	R-2		
D600	L-3	✱IC39	P-7	IC2200	C-2	RB2103	E-3	X500	M-6		
D601	L-1	IC41	N-7	✱IC2201	B-1	RB2104	B-4	X501	M-5		
✱D701	A-7	IC42	M-7	IC2202	B-2	RB2105	C-4	X600	M-3		
D703	B-7	✱IC43	M-6	IC2203	B-2	✱RB2106	C-4	X700	B-7		
✱D704	A-6	✱IC45	L-5	IC2204	A-2	✱RB2107	E-1	X800	D-4		
✱D705	A-6	IC46	L-5	IC2205	A-3			X2100	C-3		
✱D706	A-7	✱IC47	L-6	IC2207	A-2	RV700	B-1	X2200	B-2		
✱D707	B-7	✱IC48	K-3	IC2208	F-4						
✱D708	B-7	✱IC49	M-3	IC2209	A-3	S100	P-1				
✱D709	B-7	IC50	M-3	IC2210	A-3	S102	R-3				
D710	D-7	✱IC52	M-3	✱IC2211	C-2	S300	M-1				
D711	B-1	IC53	K-3	IC2300	G-1	S301	N-1				
D800	G-1	IC54	L-4	IC2301	F-1	S302	P-1				
✱D801	G-4	✱IC55	K-2	IC2302	F-2	S303	P-6				
✱D1103	H-5	✱IC56	M-7	IC2303	G-2	S700	C-1				
✱D1104	J-5	IC211	F-3	IC2304	F-2	S701	B-1				
✱D2101	E-3	IC700	F-5	IC2305	G-2	S2100	F-1				
✱D2102	E-3	IC702	E-7	IC2401	G-3	S2101	E-1				
D2103	E-3	✱IC747	B-7	IC2500	J-3						
D2104	E-3	✱IC748	A-7	IC2501	J-3	SL300	N-6				
✱D2105	E-3	✱IC749	A-6	IC2502	J-3	SL601	K-2				
✱D2106	E-3	IC750	A-7	IC2503	J-2						
D2107	E-3	IC751	A-5	IC2504	J-1	TP100	R-1				
D2108	E-3	IC752	C-5	IC2505	J-2	TP101	R-1				
D2109	G-1	IC753	B-6	IC2506	J-2	TP102	N-3				
✱D2110	E-2	IC754	C-6	IC2507	J-1	TP504	K-6				
✱D2300	F-2	IC755	C-6	IC2508	J-2	TP505	K-6				
✱D2302	F-2	✱IC756	C-7	IC2700	H-1	TP506	K-6				
✱D2500	J-2	✱IC757	C-7	IC2701	G-1	TP507	M-7				
✱D2501	K-2	IC758	A-5	IC2702	G-2	TP509	K-5				
✱D2502	J-2	IC759	B-7	IC2703	H-2	TP601	L-3				
✱D2503	J-2	IC760	C-7	IC2704	G-2	TP602	L-3				
✱D2700	H-2	IC761	A-6	IC2705	H-2	TP603	L-3				
✱D2701	H-2	IC762	A-4			TP604	K-3				
✱D2702	G-2	✱IC763	C-6	Q200	N-5	TP605	L-4				
		✱IC764	C-6	Q500	M-6	TP701	A-5				
E501	M-5	IC765	E-6	Q700	L-7	TP702	A-5				
E700	B-7	✱IC766	E-6	Q701	K-7	TP800	D-2				
E701	B-4	✱IC767	E-6	✱Q702	C-6	TP801	E-4				
E1101	K-6	IC768	D-6	✱Q1105	K-7	TP802	F-6				
E2100	E-3	IC769	E-6	✱Q1106	K-5	TP803	E-6				
E2101	G-1	IC770	D-6			TP808	C-4				
		✱IC771	D-6	✱RB100	P-1	TP810	D-5				
IC1	N-3	IC772	E-6	✱RB101	R-2	TP812	D-4				
✱IC2	N-2	✱IC773	F-6	RB103	R-3	TP813	E-6				
✱IC3	N-3	IC774	D-5	✱RB105	P-1	TP814	D-4				
IC5	P-2	IC775	E-6	✱RB106	P-2	TP815	H-1				
IC6	N-2	✱IC776	F-6	✱RB107	R-1	TP817	H-1				
IC7	N-4	✱IC777	F-6	✱RB109	R-1	TP819	J-1				
✱IC8	N-4	✱IC778	H-7	✱RB110	N-4	TP820	F-6				
IC10	N-2	✱IC779	G-7	✱RB300	P-5	TP1000	F-7				
IC11	P-3	IC780	F-7	RB301	P-6	TP1105	K-6				
IC12	P-4	IC781	E-7	✱RB302	P-6	TP2100	E-3				
IC13	P-5	IC782	G-5	✱RB304	P-7	TP2106	E-3				
IC15	P-5	IC783	E-4	RB305	N-7	TP2107	E-3				
IC16	N-5	IC800	H-4	RB306	N-7	TP2108	D-3				
✱IC17	M-5	IC801	G-4	RB307	P-6	TP2109	C-1				
✱IC18	N-5	IC802	H-4	RB600	M-2	TP2200	J-1				
IC19	P-7	✱IC1004	G-6	✱RB700	A-4	TP2201	C-2				
IC20	R-7	IC1101	K-7	RB701	B-5	TP2202	B-6				
✱IC21	P-5	IC1102	K-7	RB800	F-5	TP2300	G-1				
✱IC22	R-6	IC1107	K-5	RB802	G-7	TP2301	G-3				

✱ : B SIDE

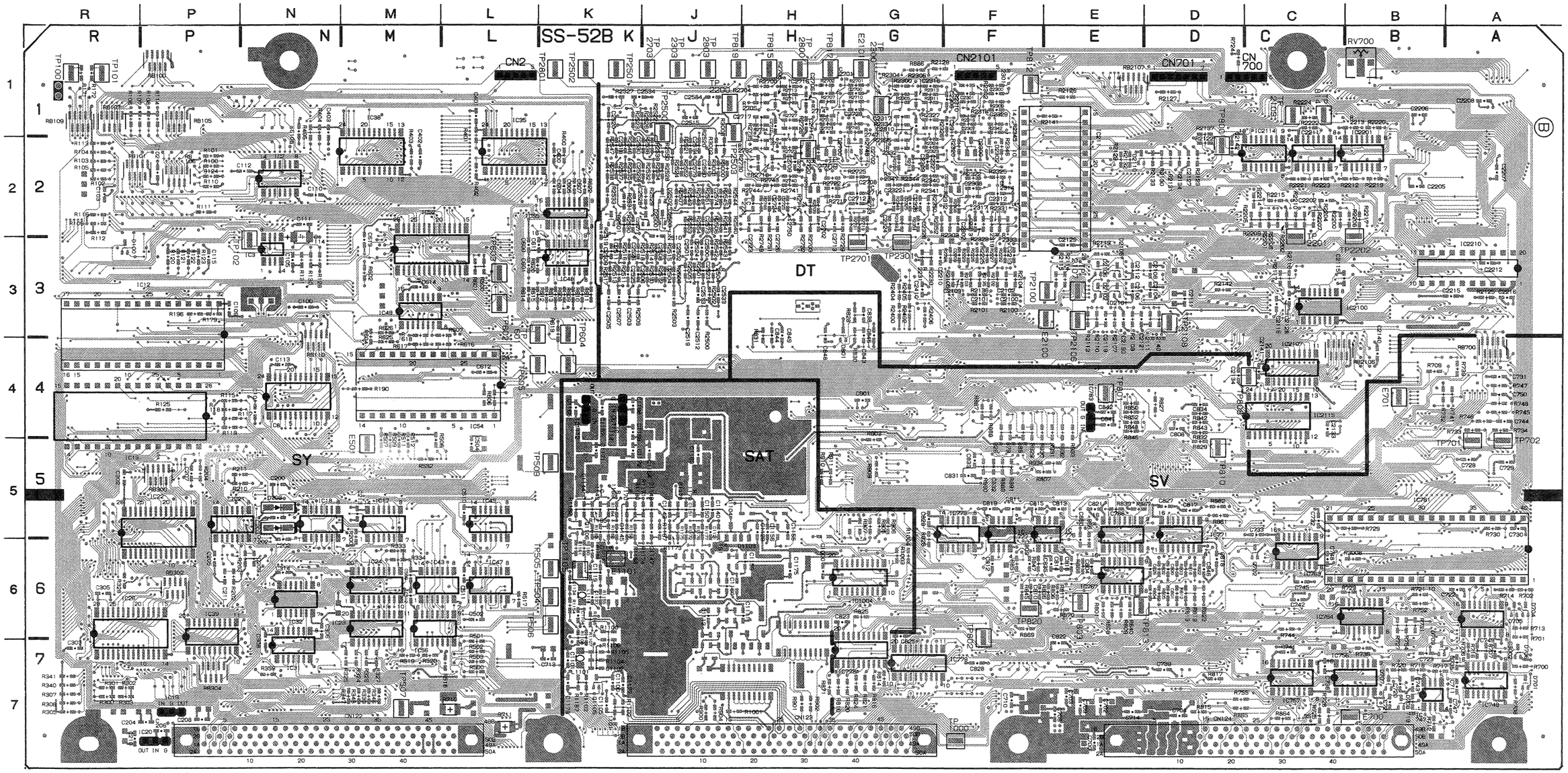
LOT NO. A-1



SS-52B BOARD -A SIDE-

1-648-535-31 (LOT No. 307 - 409)

DVW-A510(J)	; SS-52BA	MCB
DVW-A510(UC)	; SS-52BA	MCB
DVW-A510P(EK)	; SS-52BAP	MCB
DVW-510(J)	; SS-52B	MCB
DVW-510(UC)	; SS-52B	MCB
DVW-510P(EK)	; SS-52BP	MCB
DVW-CA510(UC)	; SS-52BA	MCB
DVW-CA510P(EK)	; SS-52BAP	MCB


SS-52B K
SAT
DT
SY
SV
CN2
CN2101
CN701
CN 700
RV700
TP2701
TP2301
TP2202
TP2201
TP2100
TP2106
TP2107
TP2108
TP2109
TP2110
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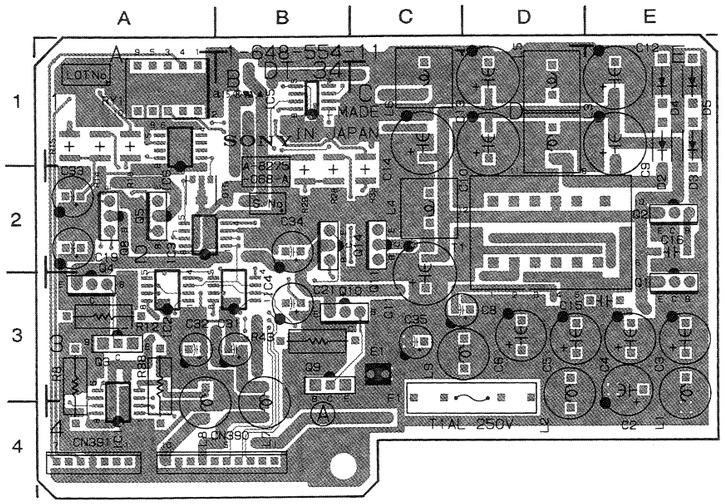
TP2142
TP2143
TP2144
TP2145

DT-34/34B ; DT driver

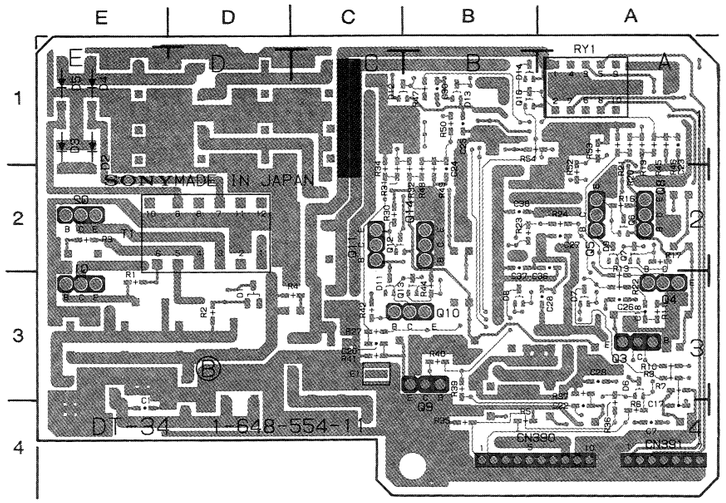
(Board's Lot No. 302 and higher)
All DVWs



DT-34 BOARD -A SIDE-

1-648-554-11 (LOT No. 302 - 306)

DVW-A500(J)	; DT-34	MCB
DVW-A500(UC)	; DT-34	MCB
DVW-A500P(EK)	; DT-34P	MCB
DVW-A500P(UC)	; DT-34PG	MCB
DVW-500(J)	; DT-34	MCB
DVW-500(UC)	; DT-34	MCB
DVW-500P(EK)	; DT-34P	MCB



DT-34 BOARD -B SIDE-

1-648-554-11 (LOT No. 302 - 306)

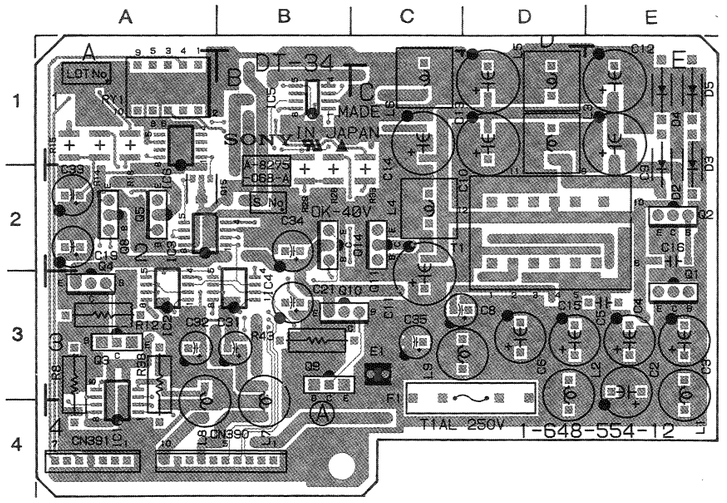
DVW-A500(J)	; DT-34	MCB
DVW-A500(UC)	; DT-34	MCB
DVW-A500P(EK)	; DT-34P	MCB
DVW-A500P(UC)	; DT-34PG	MCB
DVW-500(J)	; DT-34	MCB
DVW-500(UC)	; DT-34	MCB
DVW-500P(EK)	; DT-34P	MCB

DT-34(1-648-554-11)

CN390	A-4	✱D9	A-2	IC2	A-3	✱Q6	A-2	RY1	A-1
CN391	A-4	✱D11	C-3	IC3	A-2	✱Q7	A-2		
		✱D12	C-1	IC4	B-3	Q8	A-2	T1	D-2
D1	D-3	✱D13	B-1	IC5	B-1	Q9	B-3		
D2	E-2	✱D14	B-1	IC6	A-2	Q10	B-3		
D3	E-2					Q11	C-3		
D4	E-1	E1	C-3	Q1	E-3	✱Q12	C-2		
D5	E-1			Q2	E-2	✱Q13	C-3		
✱D6	A-3	F1	C-3	Q3	A-3	Q14	B-2		
✱D7	A-3			Q4	A-3	Q15	A-2		
✱D8	B-3	IC1	A-4	Q5	A-2	✱Q16	B-1		

✱ : B SIDE

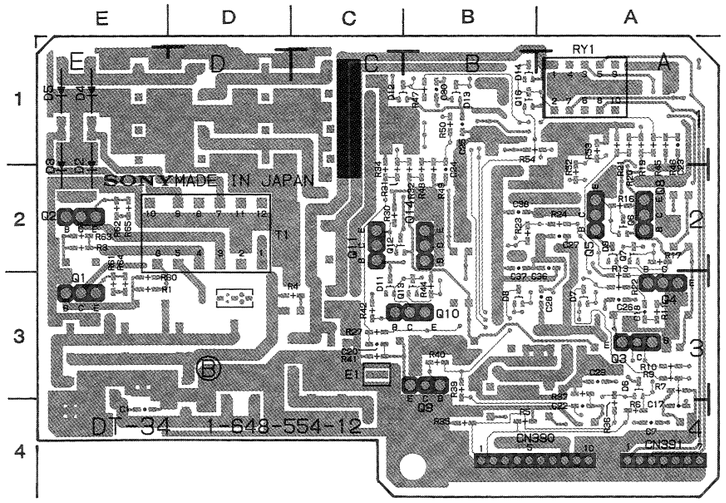
LOT NO. A-1



DT-34/34B BOARD -A SIDE-

1-648-554-12/22 (LOT No. 307 -)

DVW-A500(J)	; DT-34	MCB
DVW-A500(UC)	; DT-34	MCB
DVW-A500P(EK)	; DT-34P	MCB
DVW-A500P(UC)	; DT-34PG	MCB
DVW-500(J)	; DT-34	MCB
DVW-500(UC)	; DT-34	MCB
DVW-500P(EK)	; DT-34P	MCB
DVW-500P(UC)	; DT-34PG	MCB
DVW-A510(J)	; DT-34B	MCB
DVW-A510(UC)	; DT-34B	MCB
DVW-A510P(EK)	; DT-34BP	MCB
DVW-510(J)	; DT-34B	MCB
DVW-510(UC)	; DT-34B	MCB
DVW-510P(EK)	; DT-34BP	MCB
DVW-CA510(J)	; DT-34B	MCB
DVW-CA510(UC)	; DT-34B	MCB
DVW-CA510P(EK)	; DT-34BP	MCB



DT-34/34B BOARD -B SIDE-

1-648-554-12/22 (LOT No. 307 -)

DVW-A500(J)	; DT-34	MCB
DVW-A500(UC)	; DT-34	MCB
DVW-A500P(EK)	; DT-34P	MCB
DVW-A500P(UC)	; DT-34PG	MCB
DVW-500(J)	; DT-34	MCB
DVW-500(UC)	; DT-34	MCB
DVW-500P(EK)	; DT-34P	MCB
DVW-500P(UC)	; DT-34PG	MCB
DVW-A510(J)	; DT-34B	MCB
DVW-A510(UC)	; DT-34B	MCB
DVW-A510P(EK)	; DT-34BP	MCB
DVW-510(J)	; DT-34B	MCB
DVW-510(UC)	; DT-34B	MCB
DVW-510P(EK)	; DT-34BP	MCB
DVW-CA510(J)	; DT-34B	MCB
DVW-CA510(UC)	; DT-34B	MCB
DVW-CA510P(EK)	; DT-34BP	MCB

DT-34/34B(1-648-554-12/22)

CN390	A-4	✱D11	C-3	IC3	A-2	✱Q6	A-2	RY1	A-1
CN391	A-4	✱D12	C-1	IC4	B-3	✱Q7	A-2		
		✱D13	B-1			Q8	A-2	T1	C-2
D2	E-2	✱D14	B-1	IC5	B-1	Q9	B-3		
D3	E-2			IC6	A-2	Q10	B-3		
D4	E-1	E1	C-3			Q11	C-3		
D5	E-1			Q1	E-2	✱Q12	C-2		
✱D6	A-3	F1	C-3	Q2	E-2	✱Q13	C-3		
✱D7	A-3			Q3	A-3	Q14	C-2		
✱D8	B-3	IC1	A-4	Q4	A-2	Q15	B-2		
✱D9	A-2	IC2	A-3	Q5	A-2	✱Q16	B-1		

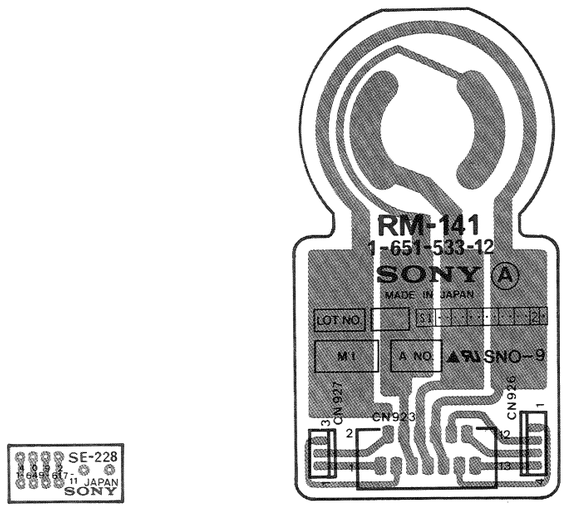
✱ : B SIDE

LOT NO. A-1

DR-307, RM-141, SE-228

DR-307 ; Motor driver (Drum, Capstan, T/S reels, Threading, Reel shift, Cassette up/down), Solenoids driver (Pinch, T/S brake, Cleaning), Degaussing head driver
RM-141 ; T reel motor
SE-228 ; T/S reel FG

(Board's Lot No. 912 and higher)
All DVWs



SE-228 BOARD -A SIDE-

1-649-617-11
All DVWs

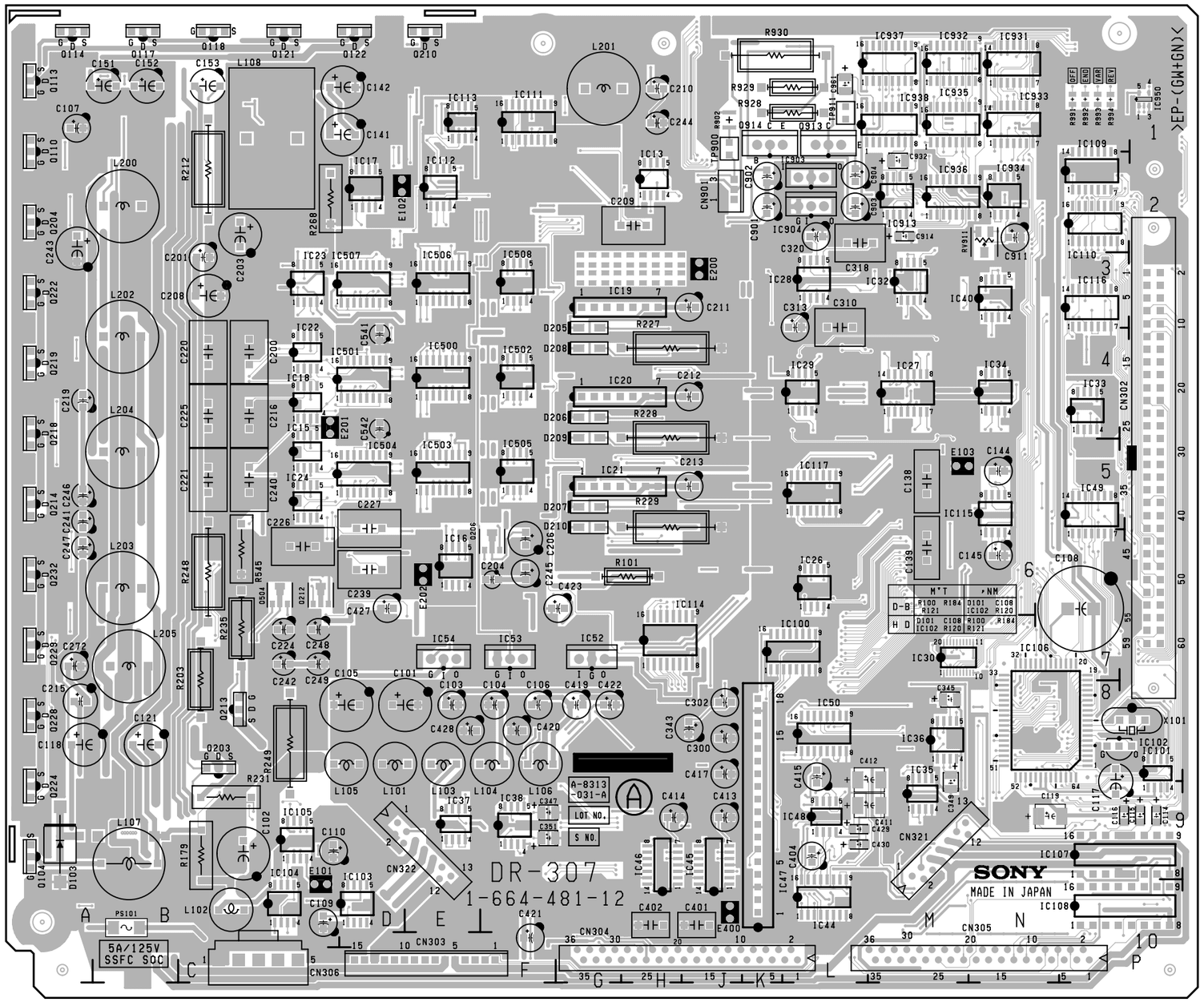
RM-141 BOARD -A SIDE-

1-651-533-12 (LOT No. 503 -)
DVW-A500/A500P
DVW-A510/A510P
DVW-CA510/CA510P

DR-307 (1-664-481-12)

CN302	P5	IC106	N8
CN303	E10	IC107	P9
CN304	J10	IC108	P10
CN305	N10	IC109	P2
CN306	C10	IC110	P2
CN321	M9	IC111	F1
CN322	E9	IC112	E2
		IC113	E1
D101	*P7	IC114	H7
D102	*P9	IC115	N6
D103	A9	IC116	P3
D104	*B2	IC117	L5
D105	*N5	IC500	E4
D106	*N6	IC501	D4
D200	*A2	IC502	F4
D201	*E6	IC503	E5
D202	*B2	IC504	D5
D203	*E1	IC505	F5
D204	*E1	IC506	E3
D205	G3	IC507	D3
D206	G4	IC508	F3
D207	G5		
D208	G4	PS101	B10
D209	G4		
D210	G5	Q101	*B10
D211	*A5	Q102	*B10
D212	*A7	Q103	*C9
D213	*A5	Q104	A9
D214	*A6	Q105	*F2
D215	*A4	Q106	*D1
D216	*A3	Q107	*D1
D217	*A9	Q108	*A2
D218	*A8	Q109	*A2
D300	*L3	Q110	A2
D301	*L3	Q111	*A1
D400	*L8	Q112	*A1
D401	*L8	Q113	A1
D402	*P6	Q114	A1
D500	*D4	Q115	*B1
D501	*D5	Q116	*B1
D502	*D3	Q117	B1
D800	*K4	Q118	C1
D801	*L4	Q119	*C1
		Q120	*C1
E101	C10	Q121	C1
E102	D2	Q122	D1
E103	M5	Q202	*C6
E200	J3	Q203	C8
E201	C4	Q204	A2
E202	E6	Q206	F6
E400	J10	Q210	E1
		Q212	C6
IC13	H2	Q213	C8
IC15	C5	Q214	A5
IC16	E6	Q218	A4
IC17	D2	Q219	A4
IC18	C4	Q222	A3
IC19	G3	Q224	A9
IC20	G4	Q228	A8
IC21	G5	Q229	A7
IC22	C4	Q232	A6
IC23	C3	Q300	*J8
IC24	C5	Q400	*L8
IC26	L6	Q401	*L9
IC27	M4	Q402	*L9
IC28	L3	Q403	*N5
IC29	L4	Q404	*N5
IC30	M7	Q405	*L10
IC32	M3	Q406	*N6
IC33	P4	Q407	*P6
IC34	N4	Q500	*F4
IC35	M9	Q501	*F5
IC36	M8	Q504	C6
IC37	E9	Q505	*D4
IC38	F9	Q506	*D4
IC40	N3		
IC44	L10	X101	P8
IC45	J10		
IC46	H10	*:B SIDE	
IC47	K10		
IC48	L9		
IC49	P6		
IC50	L8		
IC52	G7		
IC53	F7		
IC54	E7		
IC100	K7		
IC101	P9		
IC102	P8		
IC103	D10		
IC104	C10		
IC105	C9		

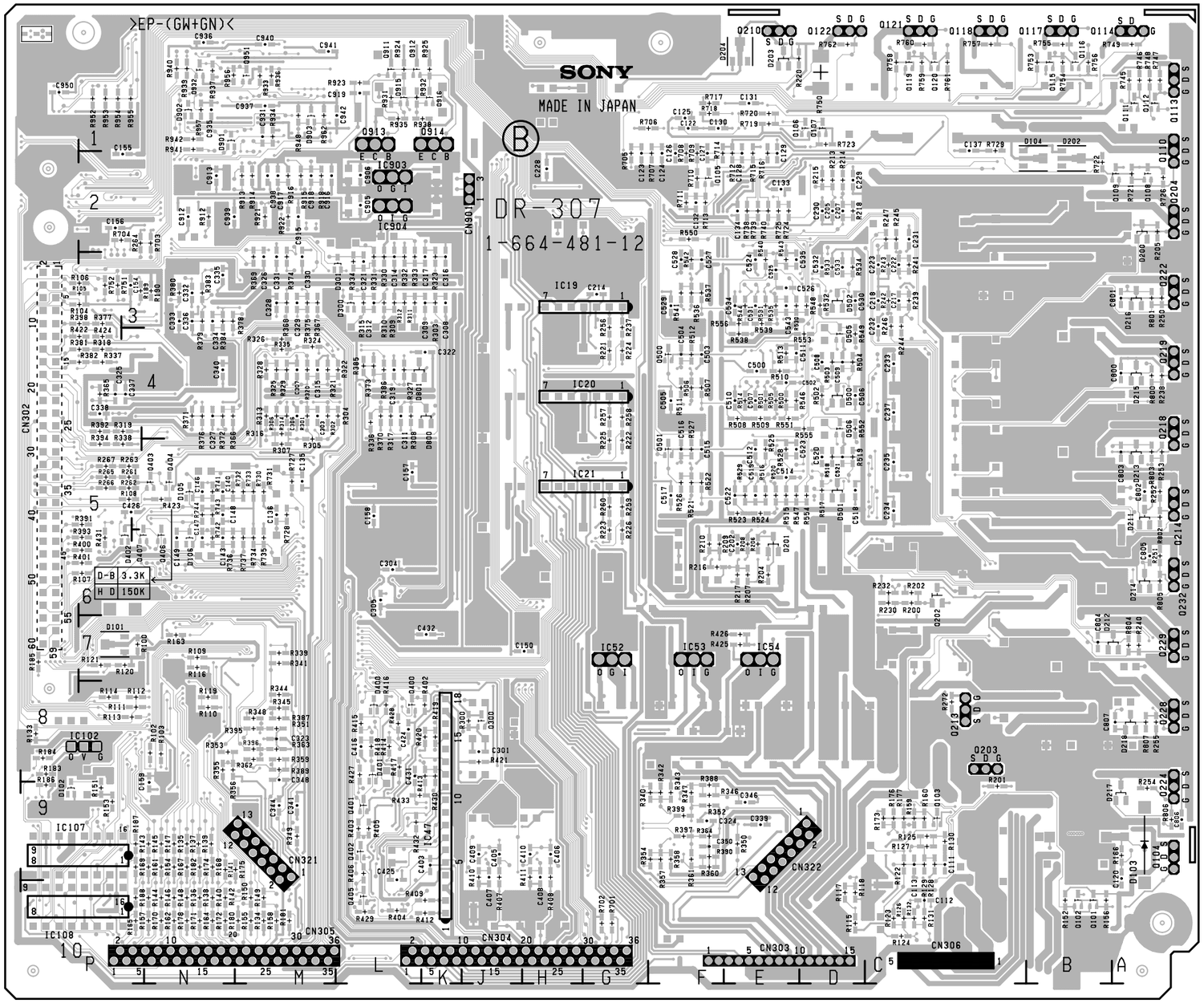
1-85 (d)



DR-307 BOARD -A SIDE-

1-664-481-12 (LOT No. 912 -)

DVW-A500(J)	; DR-307	MCB
DVW-A500(UC)	; DR-307	MCB
DVW-A500P(EK)	; DR-307	MCB
DVW-A500P(UC)	; DR-307	MCB
DVW-500(J)	; DR-307	MCB
DVW-500(UC)	; DR-307	MCB
DVW-500P(EK)	; DR-307	MCB
DVW-500P(UC)	; DR-307	MCB
DVW-A510(J)	; DR-307	MCB
DVW-A510(UC)	; DR-307	MCB
DVW-A510P(EK)	; DR-307	MCB
DVW-510(J)	; DR-307	MCB
DVW-510(UC)	; DR-307	MCB
DVW-510P(EK)	; DR-307	MCB
DVW-CA510(J)	; DR-307	MCB
DVW-CA510(UC)	; DR-307	MCB
DVW-CA510P(EK)	; DR-307	MCB



DR-307 BOARD -B SIDE-

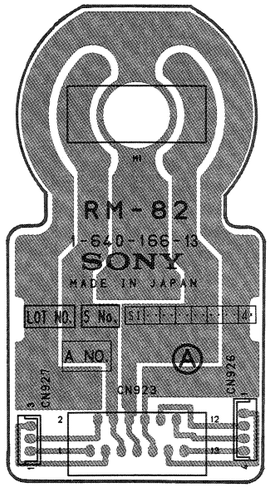
1-664-481-12 (LOT No. 912 -)

DVW-A500(J)	; DR-307	MCB
DVW-A500(UC)	; DR-307	MCB
DVW-A500P(EK)	; DR-307	MCB
DVW-A500P(UC)	; DR-307	MCB
DVW-500(J)	; DR-307	MCB
DVW-500(UC)	; DR-307	MCB
DVW-500P(EK)	; DR-307	MCB
DVW-500P(UC)	; DR-307	MCB
DVW-A510(J)	; DR-307	MCB
DVW-A510(UC)	; DR-307	MCB
DVW-A510P(EK)	; DR-307	MCB
DVW-510(J)	; DR-307	MCB
DVW-510(UC)	; DR-307	MCB
DVW-510P(EK)	; DR-307	MCB
DVW-CA510(J)	; DR-307	MCB
DVW-CA510(UC)	; DR-307	MCB
DVW-CA510P(EK)	; DR-307	MCB

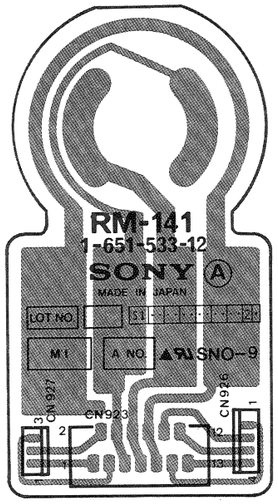
DR-200, RM-82/141, SE-228

DR-200 ; Motor driver (Drum, Capstan, T/S reels, Threading, Reel shift, Cassette up/down), Solenoids driver (Pinch, T/S brake, Cleaning), Degaussing head driver
RM-82 ; T/S reel motor
RM-141 ; T reel motor
SE-228 ; T/S reel FG

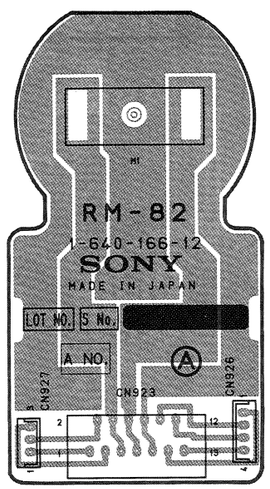
(Board's Lot No. 403 through 911)
All DVWs



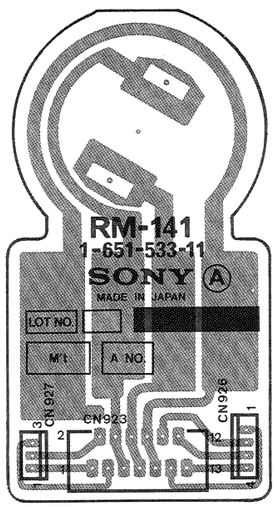
RM-82 BOARD -A SIDE-
1-640-166-13 (LOT No. 503 - 805)
All DVWs



RM-141 BOARD -A SIDE-
1-651-533-12 (LOT No. 503 -)
DVW-A500/A500P
DVW-A510/A510P
DVW-CA510/CA510P



RM-82 BOARD -A SIDE-
1-640-166-12 (LOT No. 302 - 502)
All DVWs



RM-141 BOARD -A SIDE-
1-651-533-11 (LOT No. 308 - 502)
DVW-A500/A500P
DVW-A510/A510P
DVW-CA510/CA510P

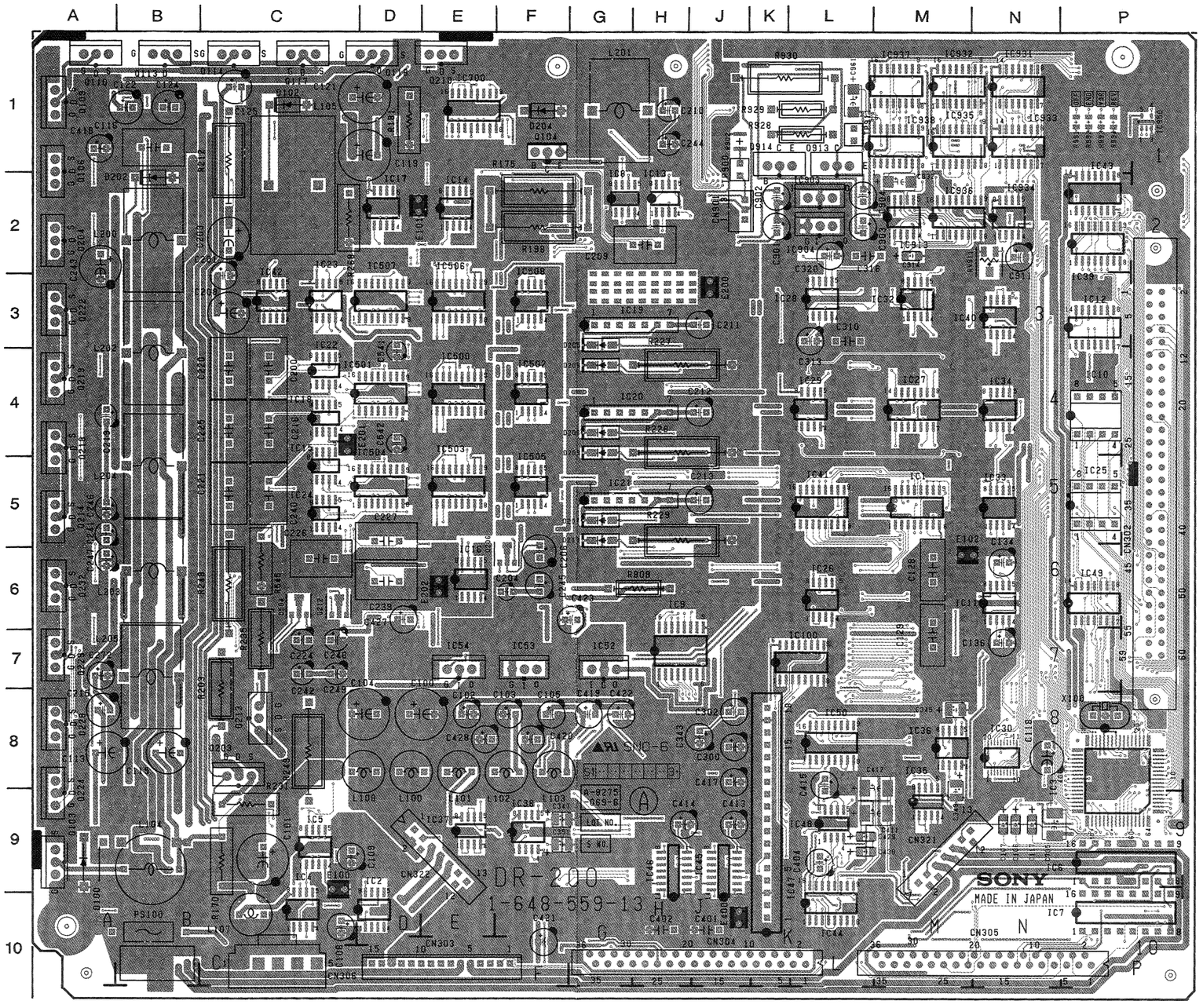
SE-228 BOARD -A SIDE-
1-649-617-11
All DVWs

DR-200(1-648-559-13)

CN302	P-5	IC18	C-4	✱Q116	C-1
CN303	E-10	IC19	G-3	Q117	C-1
CN304	J-10	IC20	G-4	Q118	D-1
CN305	N-10	IC21	G-5	✱Q202	C-6
CN306	C-10	IC22	C-4	Q203	C-8
CN321	M-9	IC23	C-3	Q204	A-2
CN322	E-9	IC24	C-5	Q206	F-6
CN901	J-1	IC25	P-5	Q210	E-1
		IC26	L-6	Q212	C-6
D100	A-9	IC27	M-4	Q213	C-8
✱D101	A-2	IC28	L-3	Q214	A-5
D102	C-1	IC29	L-4	Q218	A-4
✱D103	N-6	IC30	N-8	Q219	A-4
✱D104	N-6	IC32	M-3	Q222	A-3
✱D200	A-2	IC33	N-5	Q224	A-9
✱D201	E-6	IC34	N-4	Q228	A-8
D202	B-2	IC35	M-9	Q229	A-7
✱D203	E-1	IC36	M-8	Q232	A-6
D204	F-1	IC37	E-9	✱Q300	J-8
D205	G-3	IC38	F-9	✱Q400	L-8
D206	G-4	IC39	P-2	✱Q401	L-9
D207	G-5	IC40	N-3	✱Q402	L-9
D208	G-4	IC41	L-5	✱Q403	N-6
D209	G-4	IC42	C-3	✱Q404	N-6
D210	G-5	IC43	P-2	✱Q405	L-10
✱D211	A-5	IC44	L-10	✱Q406	N-6
✱D212	A-7	IC45	J-10	✱Q407	N-6
✱D213	A-5	IC46	H-10	✱Q500	F-4
✱D214	A-6	IC47	K-10	✱Q501	F-5
✱D215	A-4	IC48	L-9	Q504	C-6
✱D216	A-3	IC49	P-6	✱Q505	D-4
✱D217	A-9	IC50	L-8	✱Q506	D-4
✱D218	A-8	IC52	G-7	✱Q911	L-1
✱D219	C-2	IC53	F-7	✱Q912	L-1
✱D220	C-2	IC54	E-7	Q913	K-1
✱D300	L-3	IC100	L-7	Q914	L-1
✱D301	L-3	IC500	E-4	✱Q915	L-1
✱D400	L-8	IC501	D-4	✱Q916	K-1
✱D401	L-8	IC502	F-4	✱Q932	N-1
✱D402	P-6	IC503	E-5	✱Q951	M-1
✱D500	D-4	IC504	D-5		
✱D501	D-5	IC505	F-5	RV911	N-2
✱D502	D-3	IC506	E-3		
✱D700	E-1	IC507	D-3	TP900	J-2
✱D701	N-9	IC508	F-3	TP911	L-1
✱D800	K-4	IC700	E-1		
✱D801	L-4	IC903	L-2	X100	P-8
✱D901	N-1	IC904	L-2		
✱D902	N-1	IC913	M-2		
✱D903	M-1	IC931	N-1		
		IC932	M-1		
E100	C-10	IC933	N-1		
E101	D-2	IC934	N-2		
E102	M-6	IC935	M-1		
E200	J-3	IC936	M-2		
E201	C-4	IC937	M-1		
E202	E-6	IC938	M-1		
E400	J-10	IC950	P-1		
IC1	M-5	PS100	B-10		
IC2	D-10				
IC3	P-8	✱Q100	B-10		
IC4	C-10	✱Q101	B-10		
IC5	C-9	✱Q102	C-9		
IC6	P-9	Q103	A-9		
IC7	P-10	Q104	F-1		
IC8	G-2	Q106	A-2		
IC9	H-7	✱Q107	A-1		
IC10	P-4	✱Q108	A-1		
IC11	N-6	Q109	A-1		
IC12	P-3	Q110	A-1		
IC13	H-2	✱Q111	B-1		
IC14	E-2	✱Q112	B-1		
IC15	C-5	Q113	B-1		
IC16	E-6	Q114	C-1		
IC17	D-2	✱Q115	C-1		

✱ : B SIDE

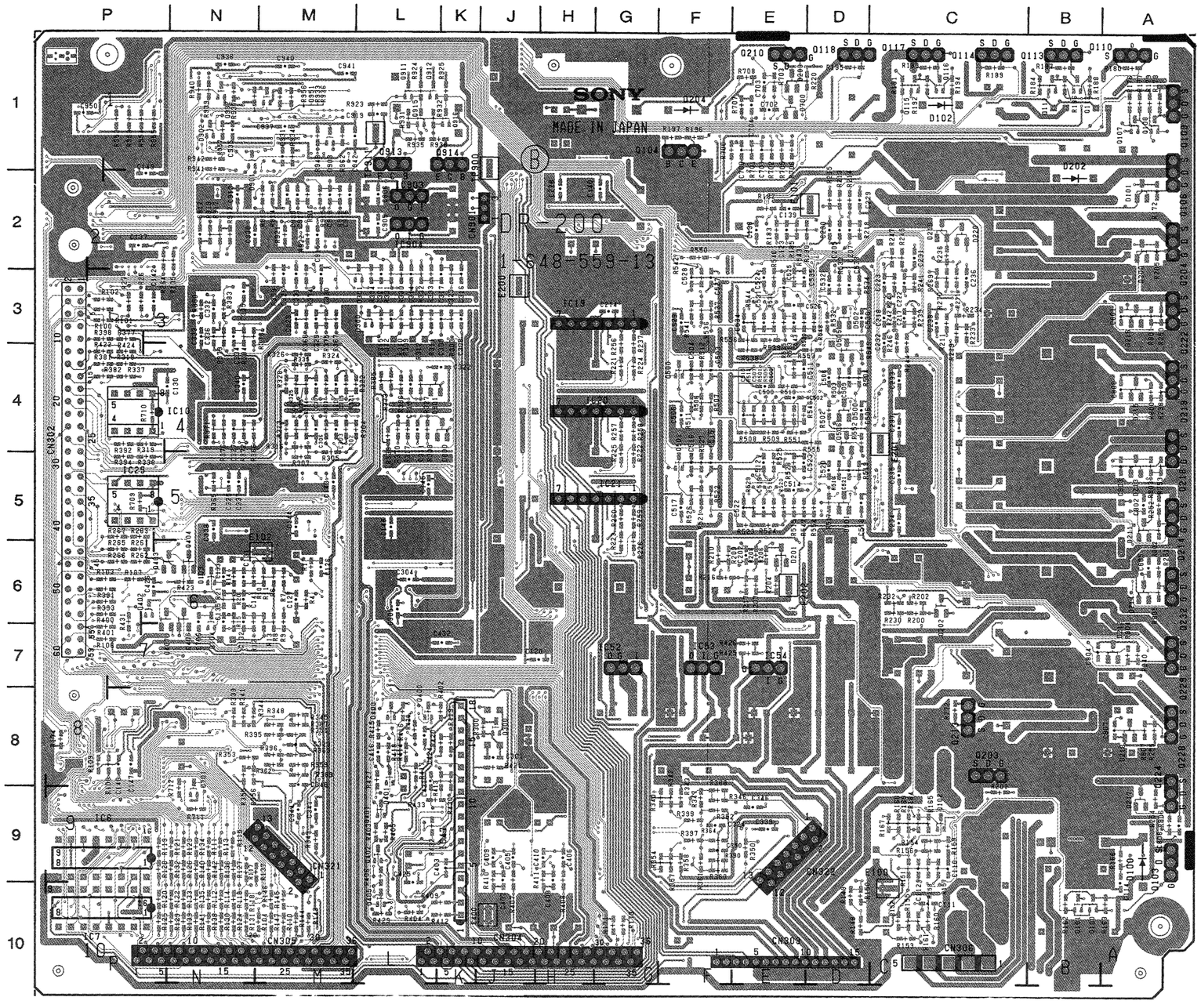
LOT NO. G-9



DR-200 BOARD -A SIDE-

1-648-559-13 (LOT No. 403 - 911)

DVW-A500(J)	; DR-200N	MCB
DVW-A500(UC)	; DR-200N	MCB
DVW-A500P(EK)	; DR-200P	MCB
DVW-A500P(UC)	; DR-200PG	MCB
DVW-500(J)	; DR-200N	MCB
DVW-500(UC)	; DR-200N	MCB
DVW-500P(EK)	; DR-200P	MCB
DVW-500P(UC)	; DR-200PG	MCB
DVW-A510(J)	; DR-200N	MCB
DVW-A510(UC)	; DR-200N	MCB
DVW-A510P(EK)	; DR-200P	MCB
DVW-510(J)	; DR-200N	MCB
DVW-510(UC)	; DR-200N	MCB
DVW-510P(EK)	; DR-200P	MCB
DVW-CA510(J)	; DR-200N	MCB
DVW-CA510(UC)	; DR-200N	MCB
DVW-CA510P(EK)	; DR-200P	MCB



DR-200 BOARD -B SIDE-

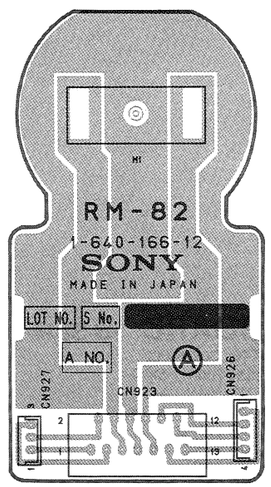
1-648-559-13 (LOT No. 403 - 911)

DVW-A500(J)	; DR-200N	MCB
DVW-A500(UC)	; DR-200N	MCB
DVW-A500P(EK)	; DR-200P	MCB
DVW-A500P(UC)	; DR-200PG	MCB
DVW-500(J)	; DR-200N	MCB
DVW-500(UC)	; DR-200N	MCB
DVW-500P(EK)	; DR-200P	MCB
DVW-500P(UC)	; DR-200PG	MCB
DVW-A510(J)	; DR-200N	MCB
DVW-A510(UC)	; DR-200N	MCB
DVW-A510P(EK)	; DR-200P	MCB
DVW-510(J)	; DR-200N	MCB
DVW-510(UC)	; DR-200N	MCB
DVW-510P(EK)	; DR-200P	MCB
DVW-CA510(J)	; DR-200N	MCB
DVW-CA510(UC)	; DR-200N	MCB
DVW-CA510P(EK)	; DR-200P	MCB

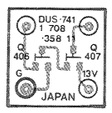
DR-200, RM-82/141, SE-228, DUS-741

DR-200 ; Motor driver (Drum, Capstan, T/S reels, Threading, Reel shift, Cassette up/down), Solenoids driver (Pinch, T/S brake, Cleaning)
DUS-741
RM-82 ; T/S reel motor
RM-141 ; T reel motor
SE-228 ; T/S reel FG

(Board's Lot No. 306 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

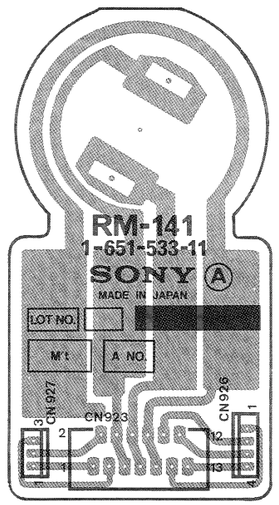


RM-82 BOARD -A SIDE-
1-640-166-12
All DVWs



DUS-741 BOARD -A SIDE-
1-708-358-11 (0-225-035-01)
for DR-200 (1-648-559-12) of LOT No. 307 through 402.

SE-228 BOARD -A SIDE-
1-649-617-11
All DVWs



RM-141 BOARD -A SIDE-
1-651-533-11(LOT No. 308 -)
DVW-A500/A500P
DVW-A510/A510P
DVW-CA510/CA510P

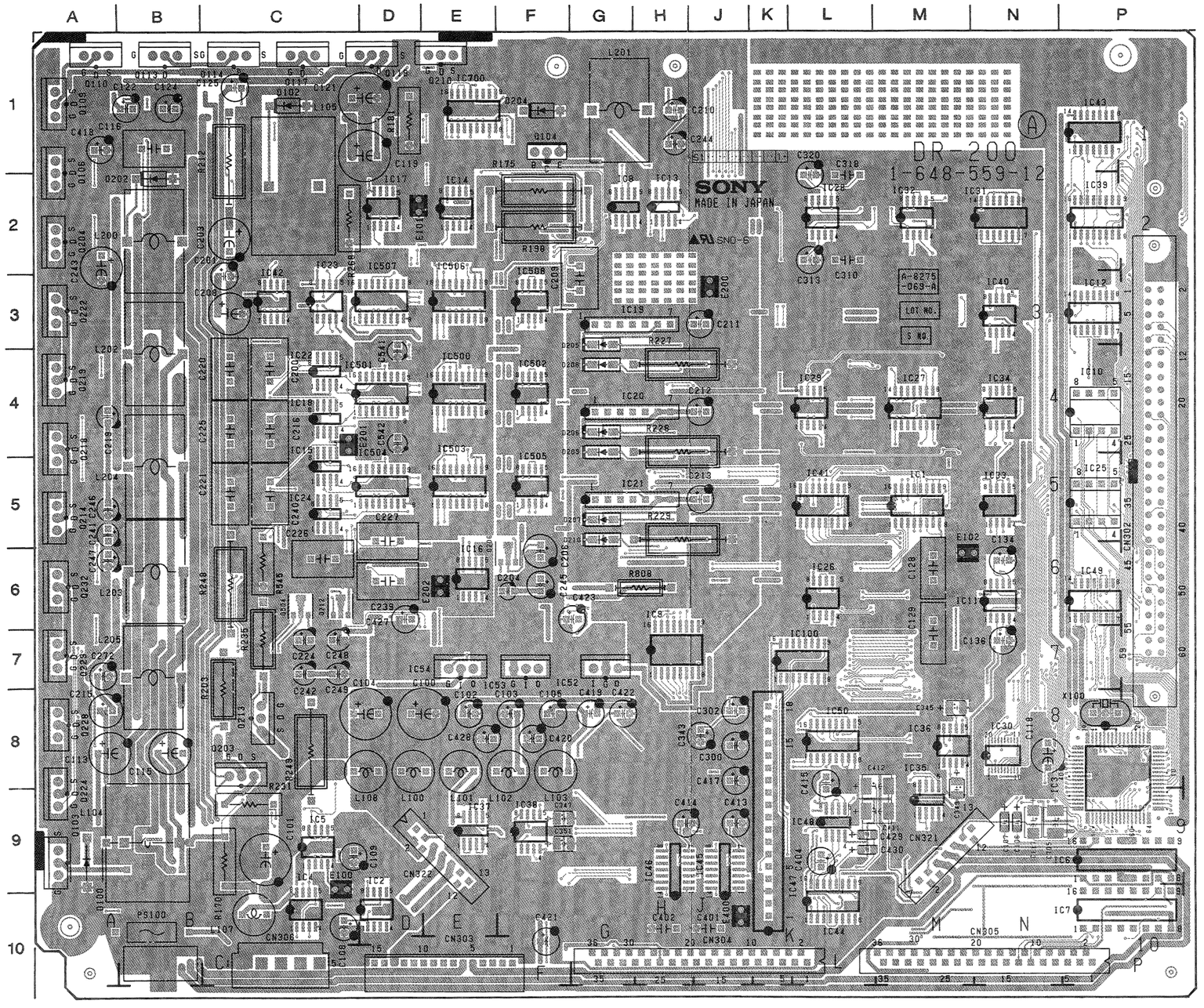
DR-200(1-648-559-12)

CN302	P-5	IC22	C-4	Q228	A-8
CN303	E-10	IC23	C-3	Q229	A-7
CN304	J-10	IC24	C-5	Q232	A-6
CN305	N-10	IC25	P-5	✱Q300	J-8
CN306	C-10	IC26	L-6	✱Q400	L-8
CN321	M-9	IC27	M-4	✱Q401	L-9
CN322	E-9	IC28	L-2	✱Q402	L-9
		IC29	L-4	✱Q403	N-6
D100	A-9	IC30	N-8	✱Q404	N-6
✱D101	A-2	IC31	N-2	✱Q405	L-10
D102	C-1	IC32	M-2	✱Q500	F-4
✱D103	N-6	IC33	N-5	✱Q501	F-5
✱D104	N-6	IC34	N-4	Q504	C-6
✱D200	A-2	IC35	M-9	✱Q505	D-4
✱D201	E-6	IC36	M-8	✱Q506	D-4
D202	B-2	IC37	E-9		
✱D203	E-1	IC38	F-9	X100	P-8
D204	F-1	IC39	P-2		
D205	G-3	IC40	N-3		
D206	G-4	IC41	L-5		
D207	G-5	IC42	C-3		
D208	G-4	IC43	P-1		
D209	G-4	IC44	L-10		
D210	G-5	IC45	J-10		
✱D211	A-5	IC46	H-10		
✱D212	A-7	IC47	K-10		
✱D213	A-5	IC48	L-9		
✱D214	A-6	IC49	P-6		
✱D215	A-4	IC50	L-8		
✱D216	A-3	IC52	G-7		
✱D217	A-9	IC53	F-7		
✱D218	A-8	IC54	E-7		
✱D219	C-2	IC100	L-7		
✱D220	C-2	IC500	E-4		
✱D300	L-2	IC501	D-4		
✱D301	L-2	IC502	F-4		
✱D400	L-8	IC503	E-5		
✱D401	L-8	IC504	D-5		
✱D402	P-6	IC505	F-5		
✱D500	D-4	IC506	E-3		
✱D501	D-5	IC507	D-3		
✱D502	D-3	IC508	F-3		
✱D700	E-1	IC700	E-1		
✱D701	N-9				
✱D800	K-4	PS100	B-10		
✱D801	L-4				
		✱Q100	B-10		
E100	C-10	✱Q101	B-10		
E101	D-2	✱Q102	C-9		
E102	M-6	Q103	A-9		
E200	J-3	Q104	F-1		
E201	C-4	Q106	A-2		
E202	E-6	✱Q107	A-1		
E400	J-10	✱Q108	A-1		
		Q109	A-1		
IC1	M-5	Q110	A-1		
IC2	D-10	✱Q111	B-1		
IC3	P-8	✱Q112	B-1		
IC4	C-10	Q113	B-1		
IC5	C-9	Q114	C-1		
IC6	P-9	✱Q115	C-1		
IC7	P-10	✱Q116	C-1		
IC8	G-2	Q117	C-1		
IC9	H-7	Q118	D-1		
IC10	P-4	✱Q202	C-6		
IC11	N-6	Q203	C-8		
IC12	P-3	Q204	A-2		
IC13	H-2	Q206	F-6		
IC14	E-2	Q210	E-1		
IC15	C-5	Q212	C-6		
IC16	E-6	Q213	C-8		
IC17	D-2	Q214	A-5		
IC18	C-4	Q218	A-4		
IC19	G-3	Q219	A-4		
IC20	G-4	Q222	A-3		
IC21	G-5	Q224	A-9		

✱ : B SIDE

LOT NO. M-3

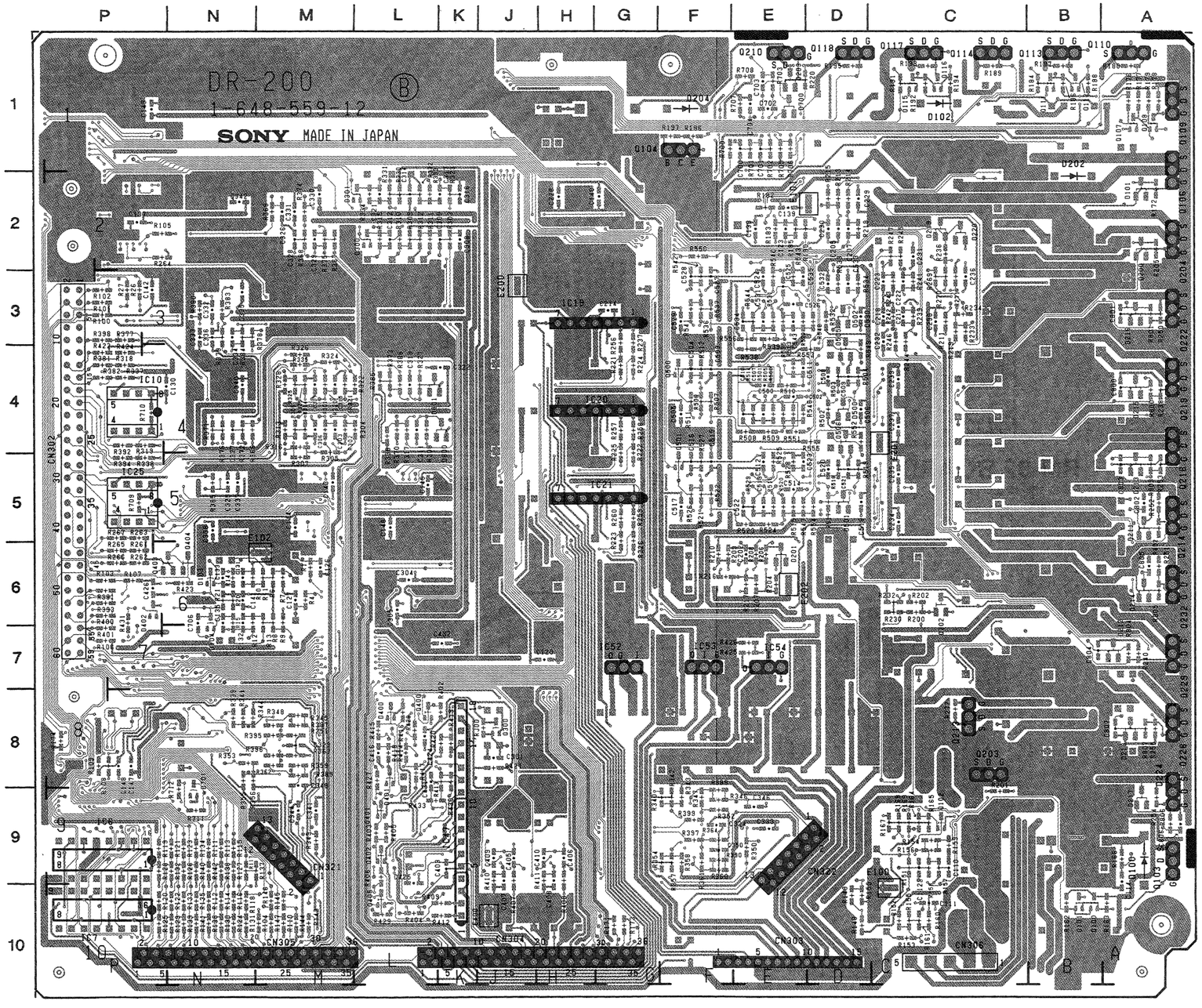
1-85 (b)



DR-200 BOARD -A SIDE-

1-648-559-12 (LOT No. 306 - 402)

DVW-A500(J)	; DR-200N	MCB
DVW-A500(UC)	; DR-200N	MCB
DVW-A500P(EK)	; DR-200P	MCB
DVW-500(J)	; DR-200N	MCB
DVW-500(UC)	; DR-200N	MCB
DVW-500P(EK)	; DR-200P	MCB
DVW-A510(J)	; DR-200N	MCB
DVW-A510(UC)	; DR-200N	MCB
DVW-A510P(EK)	; DR-200P	MCB
DVW-510(J)	; DR-200N	MCB
DVW-510(UC)	; DR-200N	MCB
DVW-510P(EK)	; DR-200P	MCB
DVW-CA510(UC)	; DR-200N	MCB
DVW-CA510P(EK)	; DR-200P	MCB



DR-200 BOARD -B SIDE-

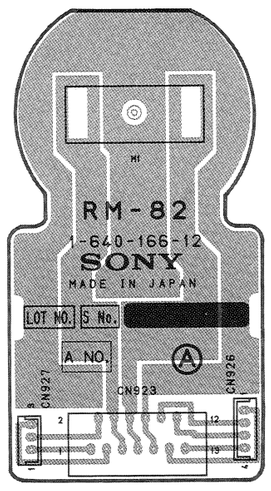
1-648-559-12 (LOT No. 306 - 402)

DVW-A500(J)	; DR-200N	MCB
DVW-A500(UC)	; DR-200N	MCB
DVW-A500P(EK)	; DR-200P	MCB
DVW-500(J)	; DR-200N	MCB
DVW-500(UC)	; DR-200N	MCB
DVW-500P(EK)	; DR-200P	MCB
DVW-A510(J)	; DR-200N	MCB
DVW-A510(UC)	; DR-200N	MCB
DVW-A510P(EK)	; DR-200P	MCB
DVW-510(J)	; DR-200N	MCB
DVW-510(UC)	; DR-200N	MCB
DVW-510P(EK)	; DR-200P	MCB
DVW-CA510(UC)	; DR-200N	MCB
DVW-CA510P(EK)	; DR-200P	MCB

DR-200, RM-82, SE-228

DR-200 ; Motor driver (Drum, Capstan, T/S reels, Threading, Reel shift, Cassette up/down), Solenoids driver (Pinch, T/S brake, Cleaning)
RM-82 ; T/S reel motor
SE-228 ; T/S reel FG

(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)



RM-82 BOARD -A SIDE-
1-640-166-12
All DVWs

SE-228 BOARD -A SIDE-
1-649-617-11
All DVWs

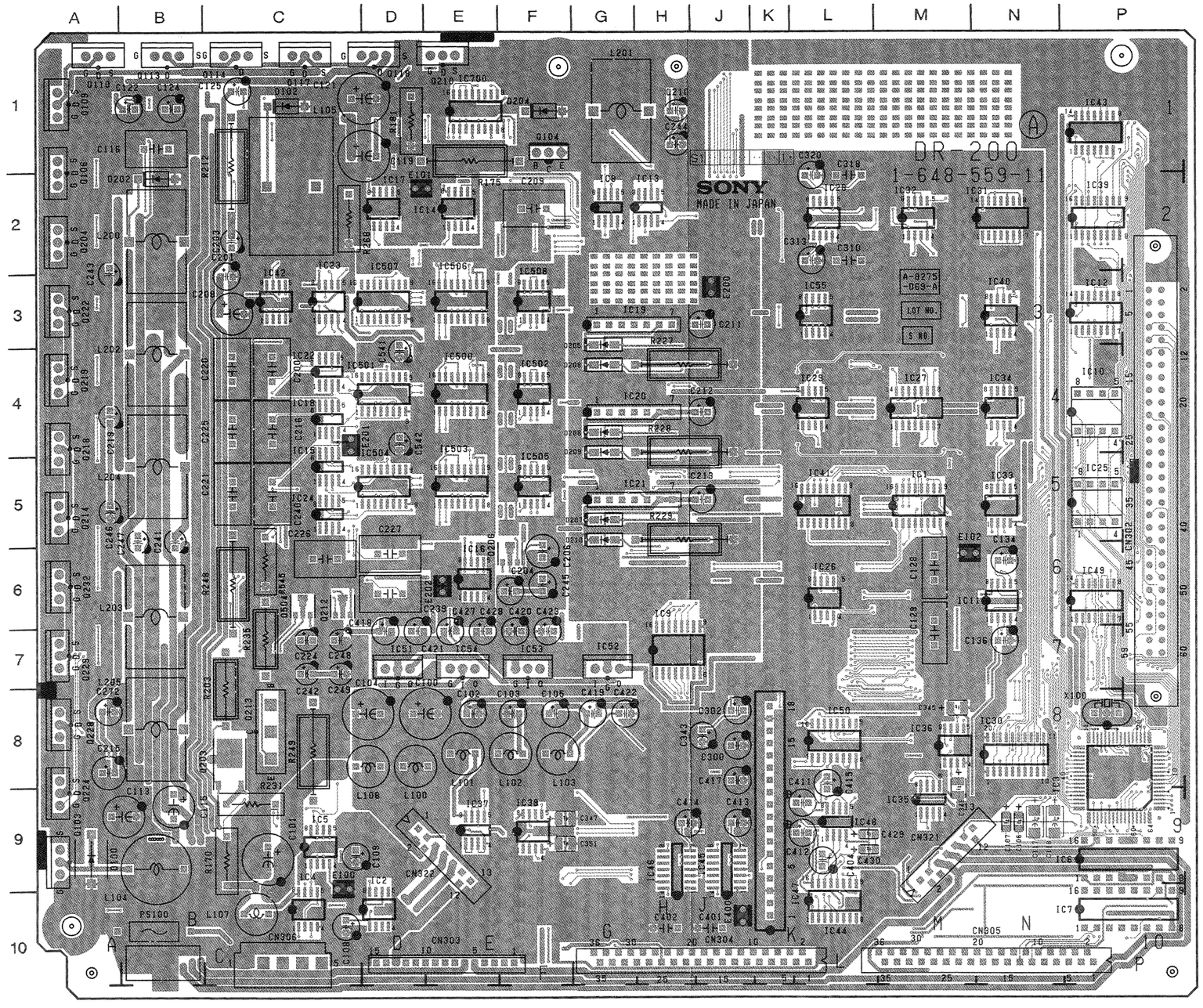
DR-200(1-648-559-11)

CN302	P-5	IC25	P-5	Q232	A-6
CN303	E-10	IC26	L-6	✱Q300	J-8
CN304	J-10	IC27	M-4	✱Q400	L-8
CN305	N-10	IC28	L-2	✱Q401	L-9
CN306	C-10	IC29	L-4	✱Q402	L-9
CN321	M-9	IC30	N-8	✱Q403	N-6
CN322	E-9	IC31	N-2	✱Q404	N-6
		IC32	M-2	✱Q405	L-10
D100	A-9	IC33	N-5	✱Q500	F-4
✱D101	A-2	IC34	N-4	✱Q501	F-5
D102	C-1	IC35	M-9	Q504	C-6
✱D103	N-6	IC36	M-8	✱Q505	D-4
✱D104	N-6	IC37	E-9	✱Q506	D-4
✱D200	A-2	IC38	F-9		
✱D201	E-6	IC39	P-2	X100	P-8
D202	B-2	IC40	N-3		
✱D203	E-1	IC41	L-5		
D204	F-1	IC42	C-3		
D205	G-3	IC43	P-1		
D206	G-4	IC44	L-10		
D207	G-5	IC45	J-10		
D208	G-4	IC46	H-10		
D209	G-4	IC47	K-10		
D210	G-5	IC48	L-9		
✱D211	A-5	IC49	P-6		
✱D212	A-7	IC50	L-8		
✱D213	A-5	IC51	D-7		
✱D214	A-6	IC52	G-7		
✱D215	A-4	IC53	F-7		
✱D216	A-3	IC54	E-7		
✱D217	A-9	IC55	L-3		
✱D218	A-8	IC500	E-4		
✱D219	C-2	IC501	D-4		
✱D220	C-2	IC502	F-4		
✱D300	L-2	IC503	E-5		
✱D301	L-2	IC504	D-5		
✱D400	L-8	IC505	F-5		
✱D401	L-8	IC506	E-3		
✱D402	P-6	IC507	D-3		
✱D500	D-4	IC508	F-3		
✱D501	D-5	IC700	E-1		
✱D502	D-3				
✱D700	E-1	PS100	B-10		
E100	C-10	✱Q100	B-10		
E101	D-2	✱Q101	B-10		
E102	M-6	✱Q102	C-9		
E200	J-3	Q103	A-9		
E201	C-4	Q104	F-1		
E202	E-6	Q106	A-2		
E400	J-10	✱Q107	A-1		
		✱Q108	A-1		
IC1	M-5	Q109	A-1		
IC2	D-10	Q110	A-1		
IC3	P-8	✱Q111	B-1		
IC4	C-10	✱Q112	B-1		
IC5	C-9	Q113	B-1		
IC6	P-9	Q114	C-1		
IC7	P-10	✱Q115	C-1		
IC8	G-2	✱Q116	C-1		
IC9	H-7	Q117	C-1		
IC10	P-4	Q118	D-1		
IC11	N-6	✱Q202	C-6		
IC12	P-3	Q203	C-8		
IC13	H-2	Q204	A-2		
IC14	E-2	Q206	F-6		
IC15	C-5	Q210	E-1		
IC16	E-6	Q212	C-6		
IC17	D-2	Q213	C-8		
IC18	C-4	Q214	A-5		
IC19	G-3	Q218	A-4		
IC20	G-4	Q219	A-4		
IC21	G-5	Q222	A-3		
IC22	C-4	Q224	A-9		
IC23	C-3	Q228	A-8		
IC24	C-5	Q229	A-7		

✱ : B SIDE

LOT NO. M-3

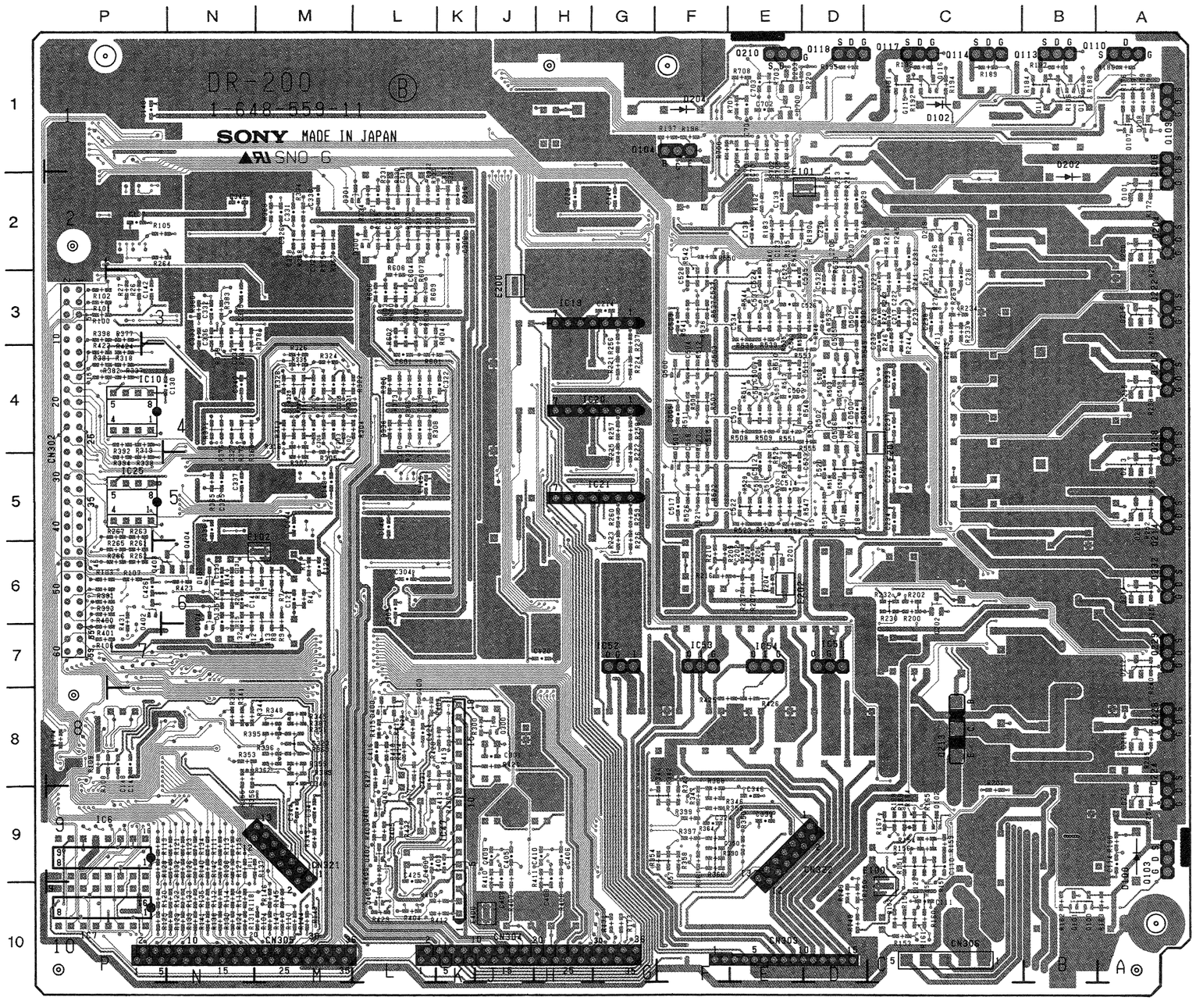
1-85 (a)



DR-200 BOARD -A SIDE-

1-648-559-11 (LOT No. 302 - 306)

DVW-A500(J)	; DR-200N	MCB
DVW-A500(UC)	; DR-200N	MCB
DVW-A500P(EK)	; DR-200P	MCB
DVW-A500P(UC)	; DR-200PG	MCB
DVW-500(J)	; DR-200N	MCB
DVW-500(UC)	; DR-200N	MCB
DVW-500P(EK)	; DR-200P	MCB



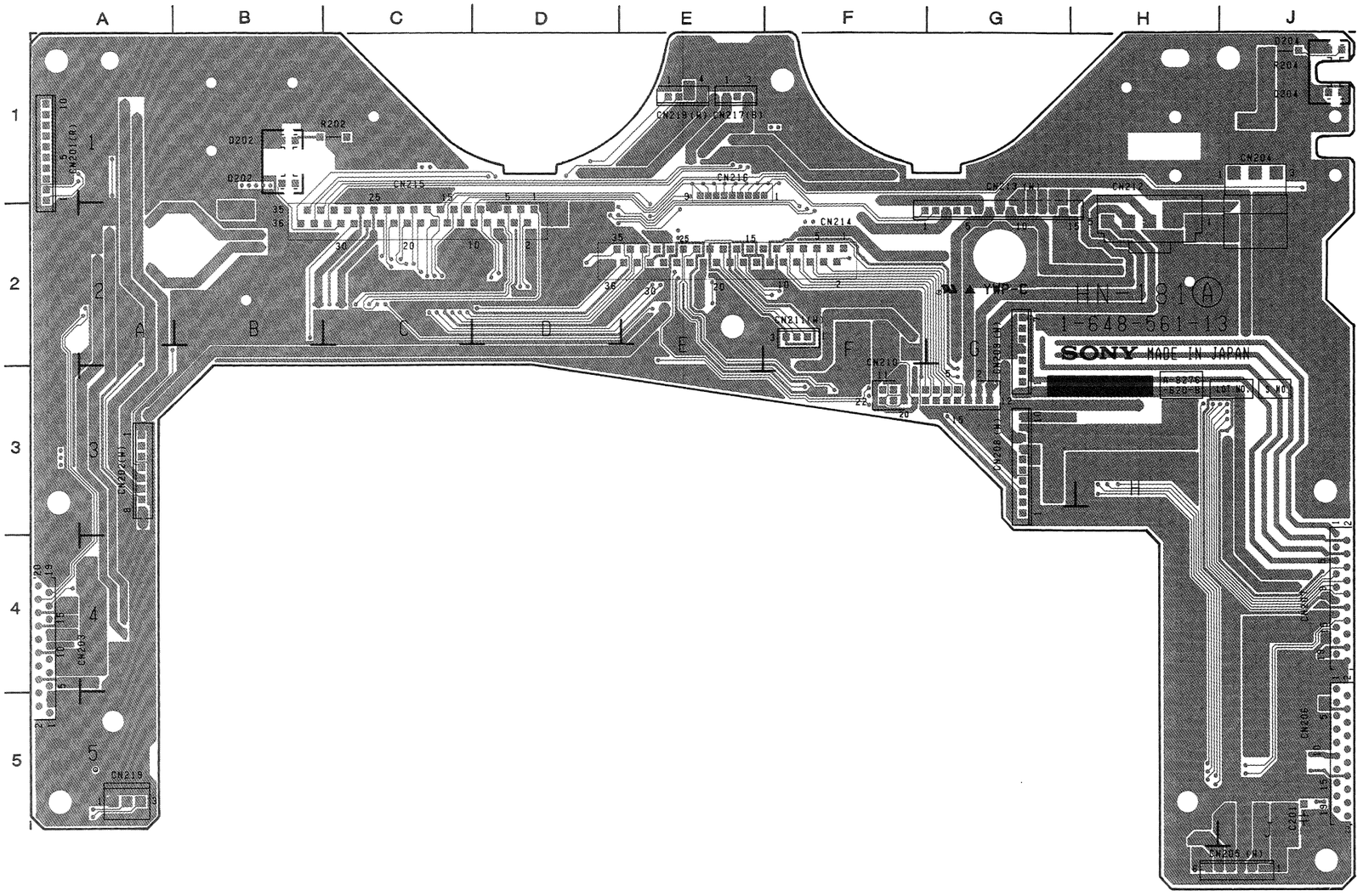
DR-200 BOARD -B SIDE-

1-648-559-11 (LOT No. 302 - 306)

DVW-A500(J)	; DR-200N	MCB
DVW-A500(UC)	; DR-200N	MCB
DVW-A500P(EK)	; DR-200P	MCB
DVW-A500P(UC)	; DR-200PG	MCB
DVW-500(J)	; DR-200N	MCB
DVW-500(UC)	; DR-200N	MCB
DVW-500P(EK)	; DR-200P	MCB

HN-181 ; Connection board with REC inhibit sensor (Drum/Capstan/Reel-shift motors, CTL head, DT-34/34B/HN-184/HN-185/PTC-59/PTC-71 boards)

(Board's Lot No. 403 and higher)
All DVWs



HN-181 BOARD -A SIDE-

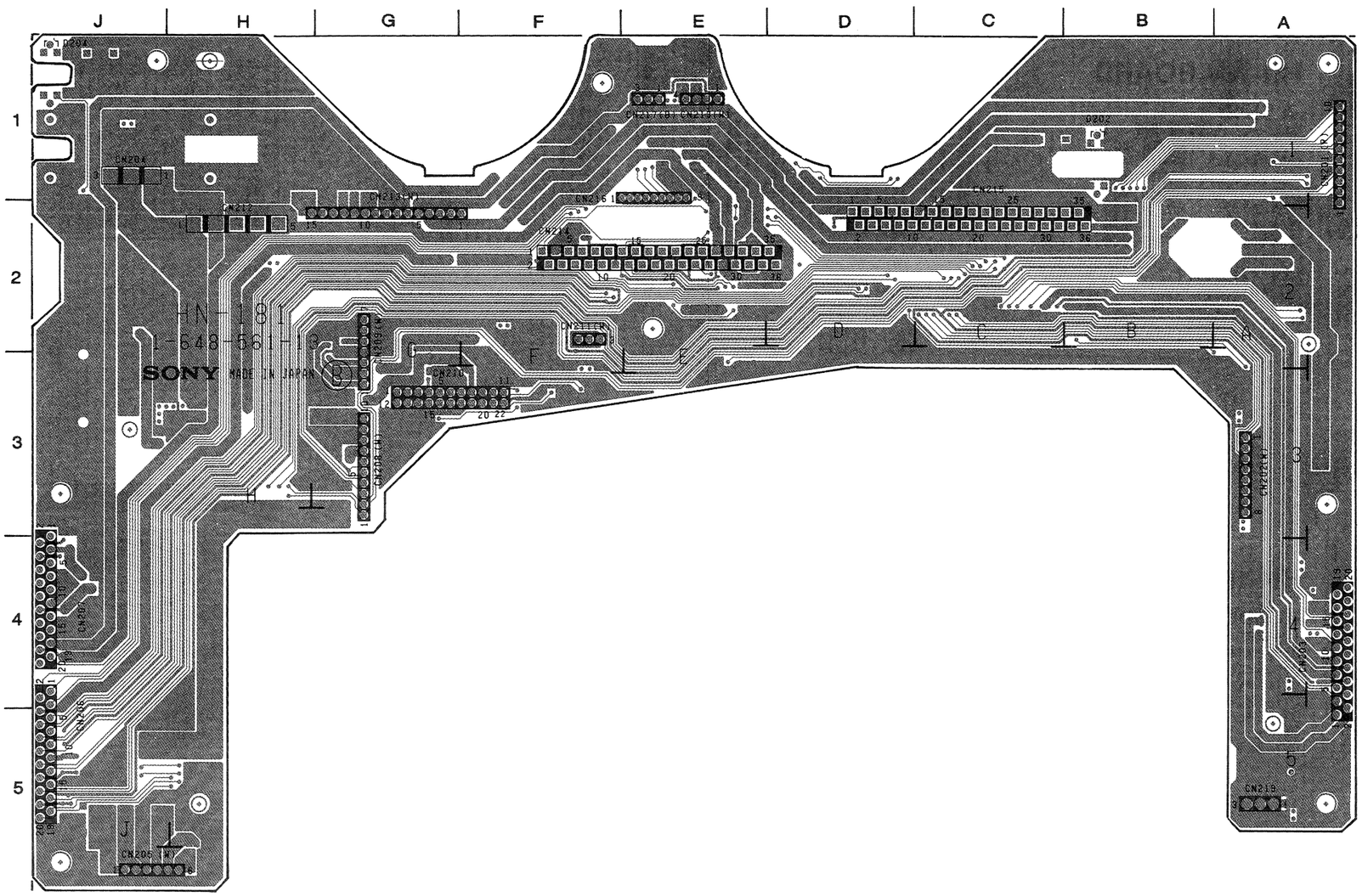
1-648-561-13 (LOT No. 403 -)

DVW-A500(J)	; HN-181	MCB
DVW-A500(UC)	; HN-181	MCB
DVW-A500P(EK)	; HN-181	MCB
DVW-A500P(UC)	; HN-181	MCB
DVW-500(J)	; HN-181	MCB
DVW-500(UC)	; HN-181	MCB
DVW-500P(EK)	; HN-181	MCB
DVW-500P(UC)	; HN-181	MCB
DVW-A510(J)	; HN-181B	MCB
DVW-A510(UC)	; HN-181B	MCB
DVW-A510P(EK)	; HN-181B	MCB
DVW-510(J)	; HN-181B	MCB
DVW-510(UC)	; HN-181B	MCB
DVW-510P(EK)	; HN-181B	MCB
DVW-CA510(J)	; HN-181B	MCB
DVW-CA510(UC)	; HN-181B	MCB
DVW-CA510P(EK)	; HN-181B	MCB

HN-181(1-648-561-13)

CN201	A-1
CN202	A-3
CN203	A-4
CN204	J-1
CN205	J-5
CN206	J-5
CN207	J-4
CN208	G-3
CN209	G-3
CN210	F-3
CN211	F-2
CN212	H-1
CN213	G-1
CN214	F-2
CN215	C-1
CN216	E-1
CN217	E-1
CN218	E-1
CN219	A-5
D202	B-1
D204	J-1
Q202	B-1
Q204	J-1

LOT NO. G-2



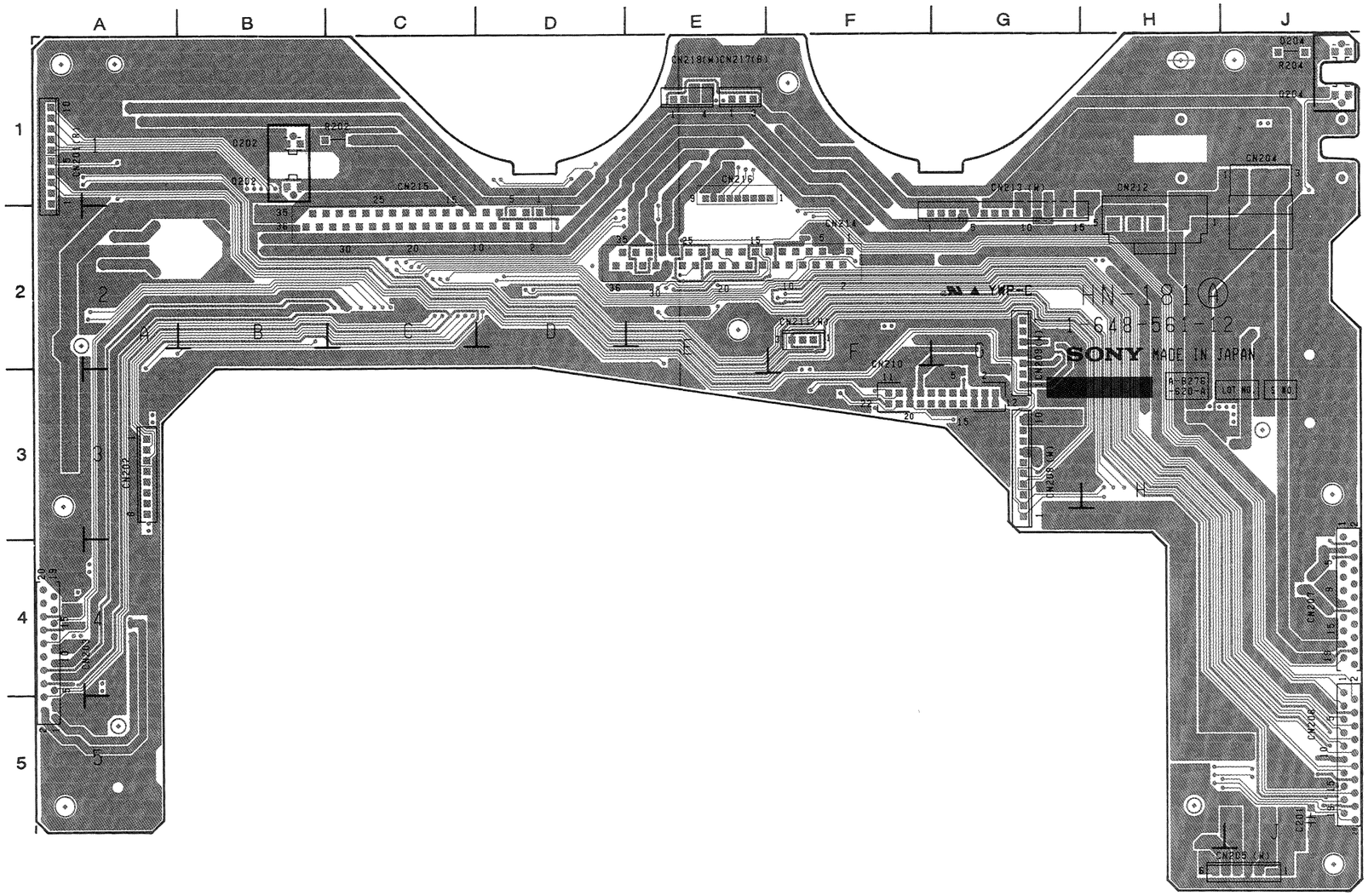
HN-181 BOARD -B SIDE-

1-648-561-13 (LOT No. 403 -)

DVW-A500(J)	; HN-181	MCB
DVW-A500(UC)	; HN-181	MCB
DVW-A500P(EK)	; HN-181	MCB
DVW-A500P(UC)	; HN-181	MCB
DVW-500(J)	; HN-181	MCB
DVW-500(UC)	; HN-181	MCB
DVW-500P(EK)	; HN-181	MCB
DVW-500P(UC)	; HN-181	MCB
DVW-A510(J)	; HN-181B	MCB
DVW-A510(UC)	; HN-181B	MCB
DVW-A510P(EK)	; HN-181B	MCB
DVW-510(J)	; HN-181B	MCB
DVW-510(UC)	; HN-181B	MCB
DVW-510P(EK)	; HN-181B	MCB
DVW-CA510(J)	; HN-181B	MCB
DVW-CA510(UC)	; HN-181B	MCB
DVW-CA510P(EK)	; HN-181B	MCB

HN-181 ; Connection board with REC inhibit sensor (Drum/Capstan/Reel-shift motors, CTL head, DT-34/34B/HN-184/HN-185/PTC-59/PTC-71 boards)

(Board's Lot No. 307 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



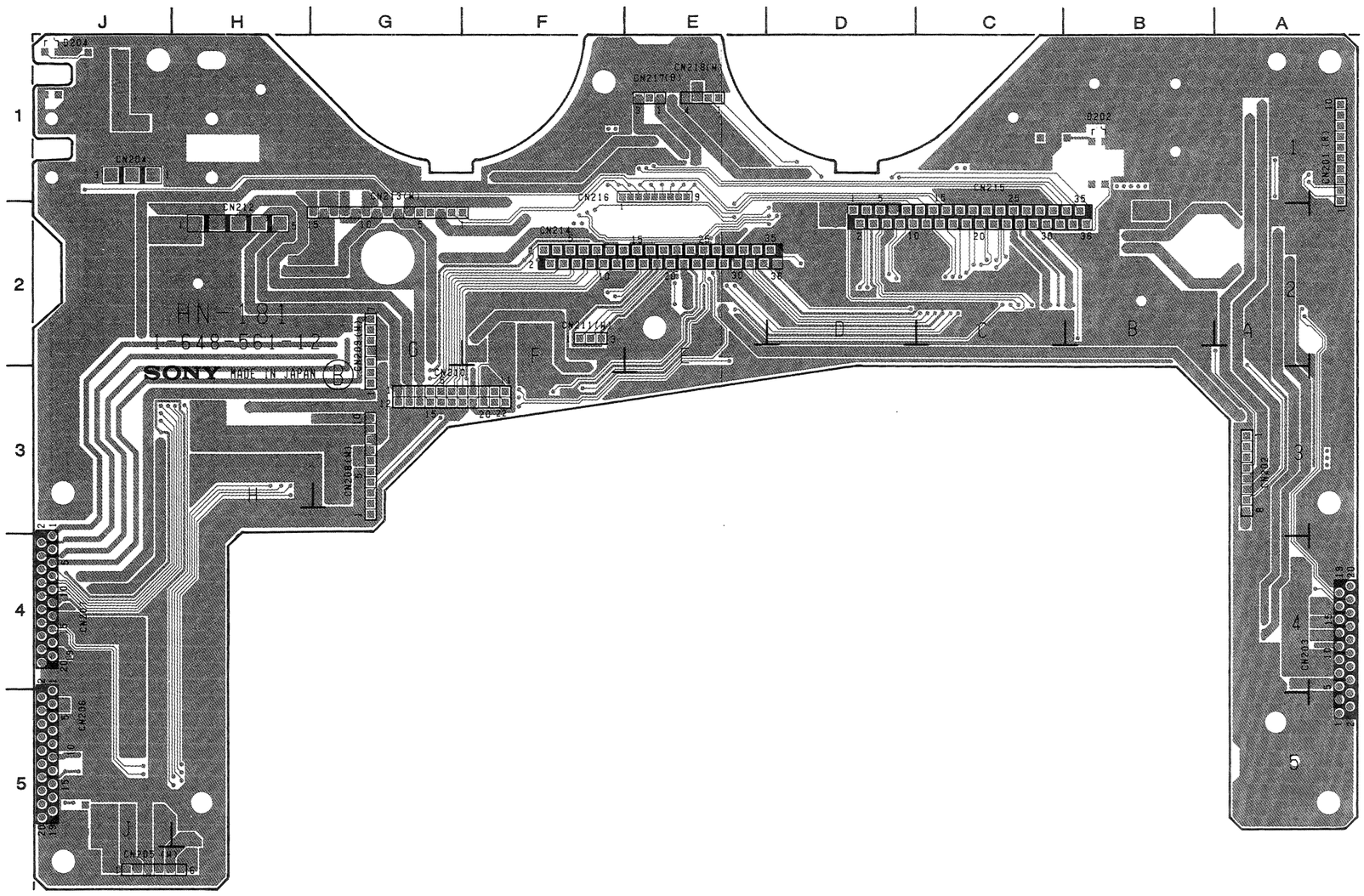
HN-181 BOARD -A SIDE-

1-648-561-12 (LOT No. 307 - 402)

DVW-A500(J)	; HN-181	MCB
DVW-A500(UC)	; HN-181	MCB
DVW-A500P(EK)	; HN-181	MCB
DVW-500(J)	; HN-181	MCB
DVW-500(UC)	; HN-181	MCB
DVW-500P(EK)	; HN-181	MCB
DVW-A510(J)	; HN-181B	MCB
DVW-A510(UC)	; HN-181B	MCB
DVW-A510P(EK)	; HN-181B	MCB
DVW-510(J)	; HN-181B	MCB
DVW-510(UC)	; HN-181B	MCB
DVW-510P(EK)	; HN-181B	MCB
DVW-CA510(UC)	; HN-181B	MCB
DVW-CA510P(EK)	; HN-181B	MCB

HN-181(1-648-561-12)

CN201	A-1
CN202	A-3
CN203	A-4
CN204	J-1
CN205	J-5
CN206	J-5
CN207	J-4
CN208	G-3
CN209	G-3
CN210	F-3
CN211	F-2
CN212	H-1
CN213	G-1
CN214	F-2
CN215	C-1
CN216	E-1
CN217	E-1
CN218	E-1
D202	B-1
D204	J-1
Q202	B-1
Q204	J-1
LOT NO.	J-3



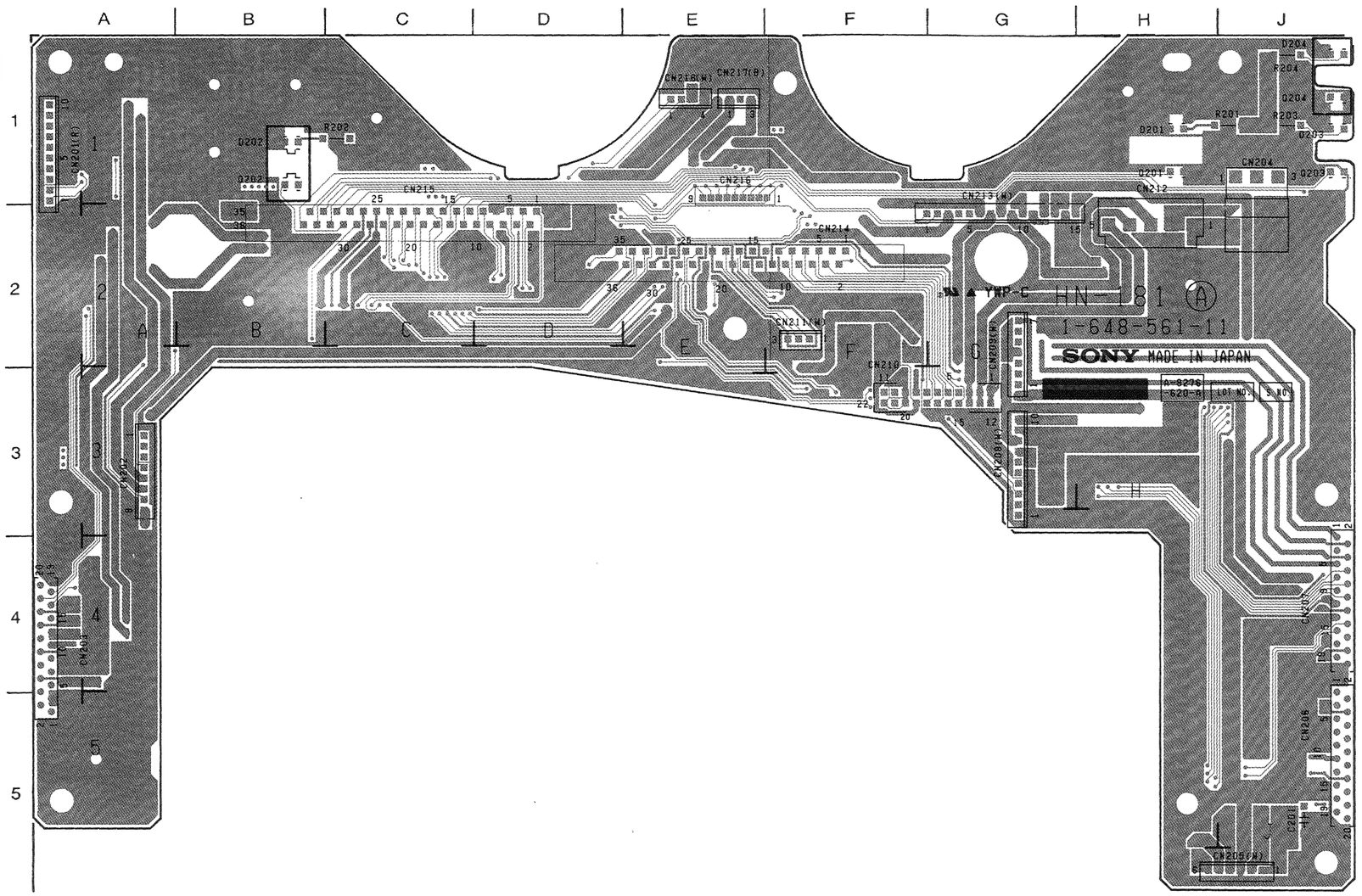
HN-181 BOARD -B SIDE-

1-648-561-12 (LOT No. 307 - 402)

DVW-A500(J)	; HN-181	MCB
DVW-A500(UC)	; HN-181	MCB
DVW-A500P(EK)	; HN-181	MCB
DVW-500(J)	; HN-181	MCB
DVW-500(UC)	; HN-181	MCB
DVW-500P(EK)	; HN-181	MCB
DVW-A510(J)	; HN-181B	MCB
DVW-A510(UC)	; HN-181B	MCB
DVW-A510P(EK)	; HN-181B	MCB
DVW-510(J)	; HN-181B	MCB
DVW-510(UC)	; HN-181B	MCB
DVW-510P(EK)	; HN-181B	MCB
DVW-CA510(UC)	; HN-181B	MCB
DVW-CA510P(EK)	; HN-181B	MCB

HN-181 ; Connection board with REC inhibit sensor (Drum/Capstan/Reel-shift motors, CTL head, DT-34/34B/HN-184/HN-185/PTC-59/PTC-71 boards)

(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)



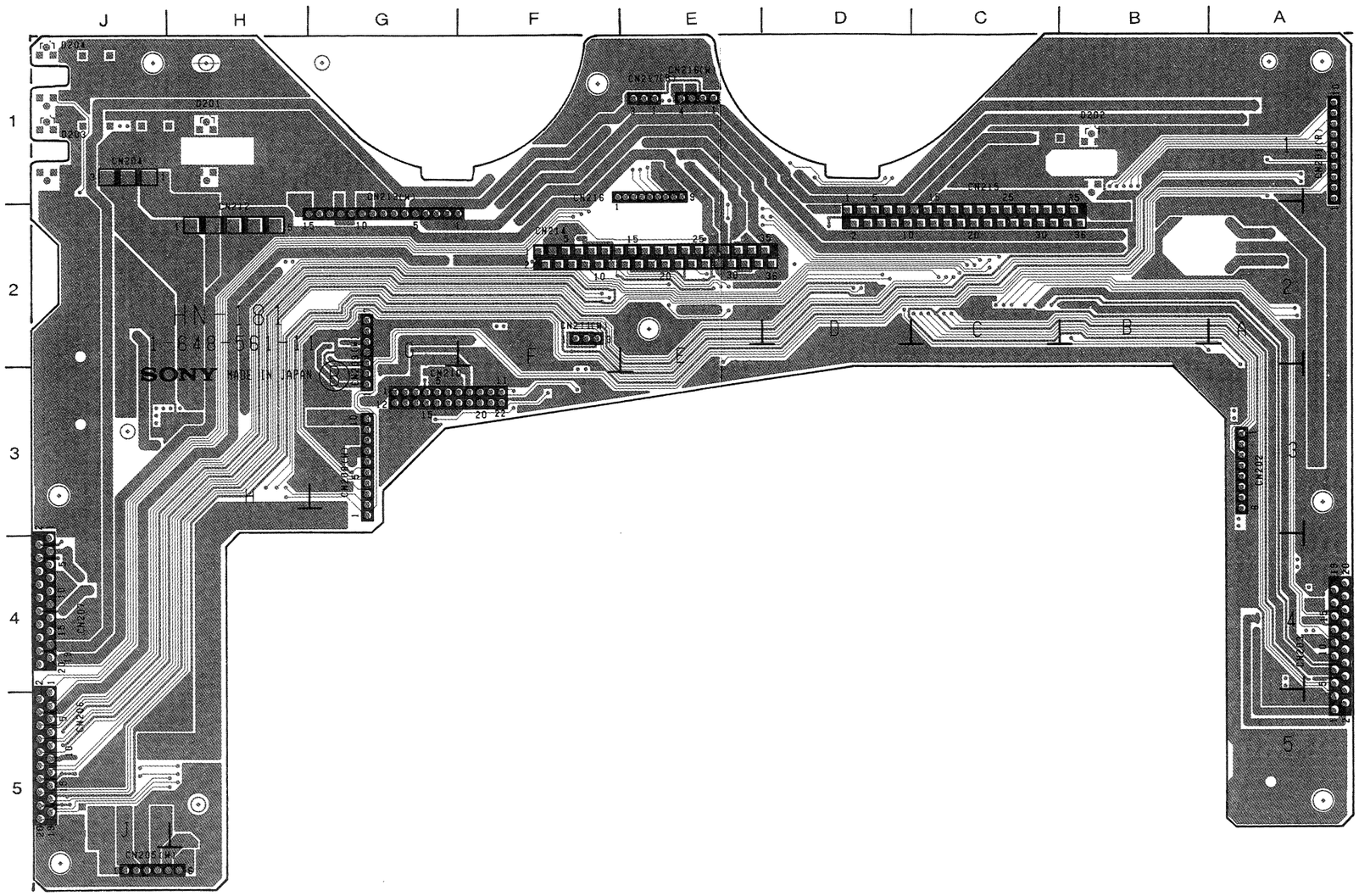
HN-181 BOARD -A SIDE-

1-648-561-11 (LOT No. 302 - 306)
DVW-A500(J) ; HN-181 MCB
DVW-A500(UC) ; HN-181 MCB
DVW-A500P(EK) ; HN-181 MCB
DVW-A500P(UC) ; HN-181 MCB
DVW-500(J) ; HN-181 MCB
DVW-500(UC) ; HN-181 MCB
DVW-500P(EK) ; HN-181 MCB

HN-181(1-648-561-11)

CN201	A-1
CN202	A-3
CN203	A-4
CN204	J-1
CN205	J-5
CN206	J-5
CN207	J-4
CN208	G-3
CN209	G-3
CN210	F-3
CN211	F-2
CN212	H-1
CN213	G-1
CN214	F-2
CN215	C-1
CN216	E-1
CN217	E-1
CN218	E-1
D201	H-1
D202	B-1
D203	J-1
D204	J-1
Q201	H-1
Q202	B-1
Q203	J-1
Q204	J-1

LOT NO. J-3



HN-181 BOARD -B SIDE-

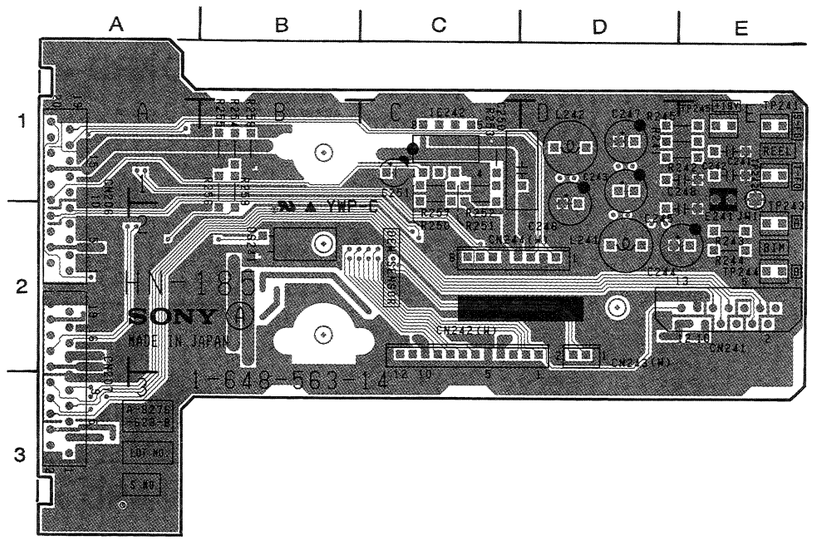
1-648-561-11 (LOT No. 302 - 306)
DVW-A500(J) ; HN-181 MCB
DVW-A500(UC) ; HN-181 MCB
DVW-A500P(EK) ; HN-181 MCB
DVW-A500P(UC) ; HN-181 MCB
DVW-500(J) ; HN-181 MCB
DVW-500(UC) ; HN-181 MCB
DVW-500P(EK) ; HN-181 MCB

HN-185 ; Connection board with dew sensor
(Tape top sensor, Cassette compartment, TR-79 board, Slip ring)

(Board's Lot No. 403 and higher)
All DVWs

HN-185(1-648-563-14)

CN206	A-1
CN207	A-3
CN241	E-2
CN242	C-2
CN243	D-2
CN244	C-2
DS241	B-2
E241	E-1
IC242	C-1
TP241	E-1
TP242	E-1
TP243	E-2
TP244	E-2
TP245	E-1
LOT NO.	A-3

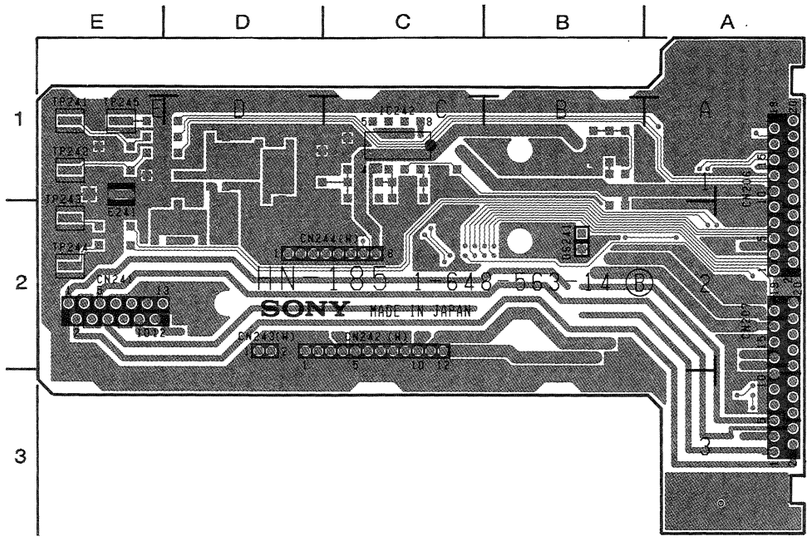


HN-185 BOARD

-A SIDE-

1-648-563-14 (LOT No. 403 -)

DVW-A500(J)	; HN-185 MCB
DVW-A500(UC)	; HN-185 MCB
DVW-A500P(EK)	; HN-185 MCB
DVW-A500P(UC)	; HN-185 MCB
DVW-500(J)	; HN-185 MCB
DVW-500(UC)	; HN-185 MCB
DVW-500P(EK)	; HN-185 MCB
DVW-500P(UC)	; HN-185 MCB
DVW-A510(J)	; HN-185 MCB
DVW-A510(UC)	; HN-185 MCB
DVW-A510P(EK)	; HN-185 MCB
DVW-510(J)	; HN-185 MCB
DVW-510(UC)	; HN-185 MCB
DVW-510P(EK)	; HN-185 MCB
DVW-CA510(J)	; HN-185 MCB
DVW-CA510(UC)	; HN-185 MCB
DVW-CA510P(EK)	; HN-185 MCB



HN-185 BOARD

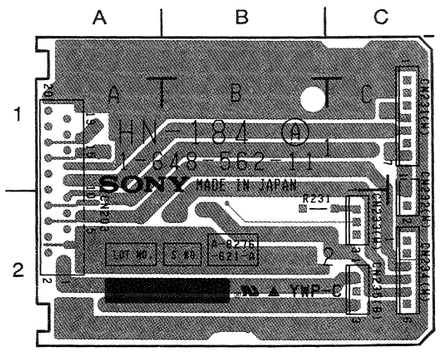
-B SIDE-

1-648-563-14 (LOT No. 403 -)

DVW-A500(J)	; HN-185 MCB
DVW-A500(UC)	; HN-185 MCB
DVW-A500P(EK)	; HN-185 MCB
DVW-A500P(UC)	; HN-185 MCB
DVW-500(J)	; HN-185 MCB
DVW-500(UC)	; HN-185 MCB
DVW-500P(EK)	; HN-185 MCB
DVW-500P(UC)	; HN-185 MCB
DVW-A510(J)	; HN-185 MCB
DVW-A510(UC)	; HN-185 MCB
DVW-A510P(EK)	; HN-185 MCB
DVW-510(J)	; HN-185 MCB
DVW-510(UC)	; HN-185 MCB
DVW-510P(EK)	; HN-185 MCB
DVW-CA510(J)	; HN-185 MCB
DVW-CA510(UC)	; HN-185 MCB
DVW-CA510P(EK)	; HN-185 MCB

HN-184 ; Connection board (Threading motor, Tape end sensor, and PD-35/PTC-54/TR-78 boards)

(Board's Lot No. 302 and higher)
All DVWs

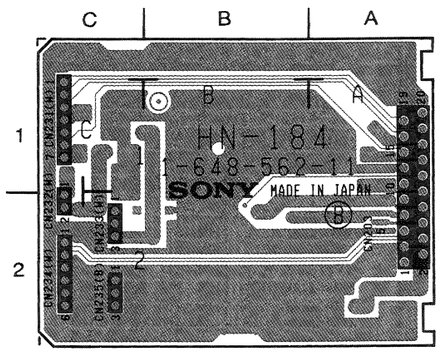


HN-184 BOARD

-A SIDE-

1-648-562-11 (LOT No. 302 - 306)

DVW-A500(J)	; HN-184 MCB
DVW-A500(UC)	; HN-184 MCB
DVW-A500P(EK)	; HN-184 MCB
DVW-A500P(UC)	; HN-184 MCB
DVW-500(J)	; HN-184 MCB
DVW-500(UC)	; HN-184 MCB
DVW-500P(EK)	; HN-184 MCB

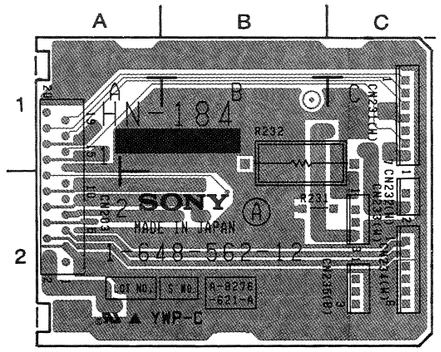


HN-184 BOARD

-B SIDE-

1-648-562-11 (LOT No. 302 - 306)

DVW-A500(J)	; HN-184 MCB
DVW-A500(UC)	; HN-184 MCB
DVW-A500P(EK)	; HN-184 MCB
DVW-A500P(UC)	; HN-184 MCB
DVW-500(J)	; HN-184 MCB
DVW-500(UC)	; HN-184 MCB
DVW-500P(EK)	; HN-184 MCB

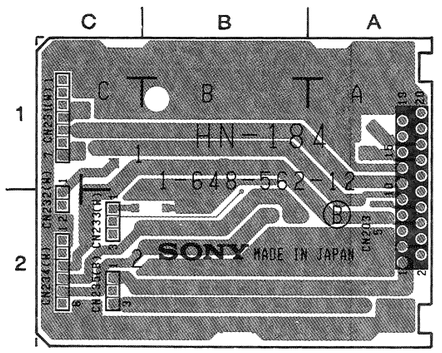


HN-184 BOARD

-A SIDE-

1-648-562-12 (LOT No. 307 - 402)

DVW-A500(J)	; HN-184 MCB
DVW-A500(UC)	; HN-184 MCB
DVW-A500P(EK)	; HN-184 MCB
DVW-500(J)	; HN-184 MCB
DVW-500(UC)	; HN-184 MCB
DVW-500P(EK)	; HN-184 MCB
DVW-A510(J)	; HN-184 MCB
DVW-A510(UC)	; HN-184 MCB
DVW-A510P(EK)	; HN-184 MCB
DVW-510(J)	; HN-184 MCB
DVW-510(UC)	; HN-184 MCB
DVW-510P(EK)	; HN-184 MCB
DVW-CA510(UC)	; HN-184 MCB
DVW-CA510P(EK)	; HN-184 MCB

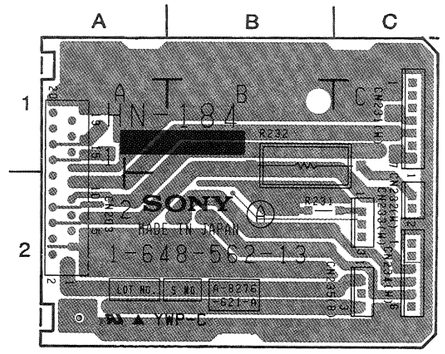


HN-184 BOARD

-B SIDE-

1-648-562-12 (LOT No. 307 - 402)

DVW-A500(J)	; HN-184 MCB
DVW-A500(UC)	; HN-184 MCB
DVW-A500P(EK)	; HN-184 MCB
DVW-500(J)	; HN-184 MCB
DVW-500(UC)	; HN-184 MCB
DVW-500P(EK)	; HN-184 MCB
DVW-A510(J)	; HN-184 MCB
DVW-A510(UC)	; HN-184 MCB
DVW-A510P(EK)	; HN-184 MCB
DVW-510(J)	; HN-184 MCB
DVW-510(UC)	; HN-184 MCB
DVW-510P(EK)	; HN-184 MCB
DVW-CA510(UC)	; HN-184 MCB
DVW-CA510P(EK)	; HN-184 MCB

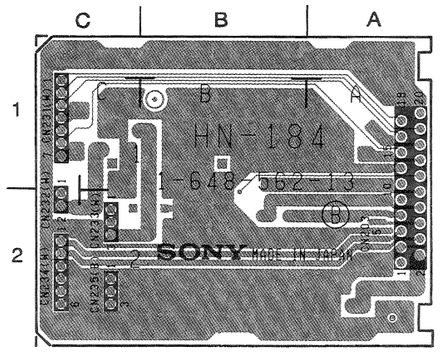


HN-184 BOARD

-A SIDE-

1-648-562-13 (LOT No. 403 -)

DVW-A500(J)	; HN-184 MCB
DVW-A500(UC)	; HN-184 MCB
DVW-A500P(EK)	; HN-184 MCB
DVW-A500P(UC)	; HN-184 MCB
DVW-500(J)	; HN-184 MCB
DVW-500(UC)	; HN-184 MCB
DVW-500P(EK)	; HN-184 MCB
DVW-500P(UC)	; HN-184 MCB
DVW-A510(J)	; HN-184 MCB
DVW-A510(UC)	; HN-184 MCB
DVW-A510P(EK)	; HN-184 MCB
DVW-510(J)	; HN-184 MCB
DVW-510(UC)	; HN-184 MCB
DVW-510P(EK)	; HN-184 MCB
DVW-CA510(J)	; HN-184 MCB
DVW-CA510(UC)	; HN-184 MCB
DVW-CA510P(EK)	; HN-184 MCB



HN-184 BOARD

-B SIDE-

1-648-562-13 (LOT No. 403 -)

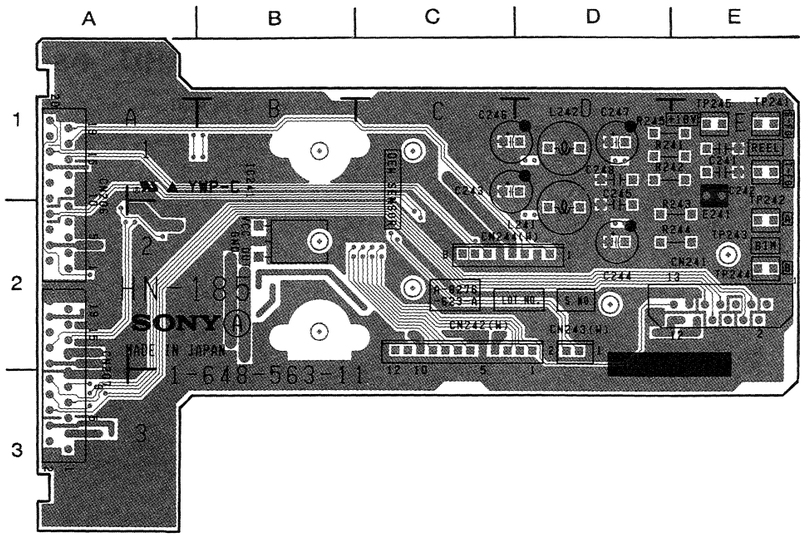
DVW-A500(J)	; HN-184 MCB
DVW-A500(UC)	; HN-184 MCB
DVW-A500P(EK)	; HN-184 MCB
DVW-A500P(UC)	; HN-184 MCB
DVW-500(J)	; HN-184 MCB
DVW-500(UC)	; HN-184 MCB
DVW-500P(EK)	; HN-184 MCB
DVW-500P(UC)	; HN-184 MCB
DVW-A510(J)	; HN-184 MCB
DVW-A510(UC)	; HN-184 MCB
DVW-A510P(EK)	; HN-184 MCB
DVW-510(J)	; HN-184 MCB
DVW-510(UC)	; HN-184 MCB
DVW-510P(EK)	; HN-184 MCB
DVW-CA510(J)	; HN-184 MCB
DVW-CA510(UC)	; HN-184 MCB
DVW-CA510P(EK)	; HN-184 MCB

HN-185 ; Connection board with dew sensor
(Tape top sensor, Cassette compartment, TR-79 board, Slip ring)

(Board's Lot No. 302 through 402
All DVWs

HN-185(1-648-563-11)

CN206	A-1
CN207	A-3
CN241	E-2
CN242	C-2
CN243	D-2
CN244	C-2
E241	E-1
IC241	B-2
TP241	E-1
TP242	E-1
TP243	E-2
TP244	E-2
TP245	E-1
LOT NO.	C-2

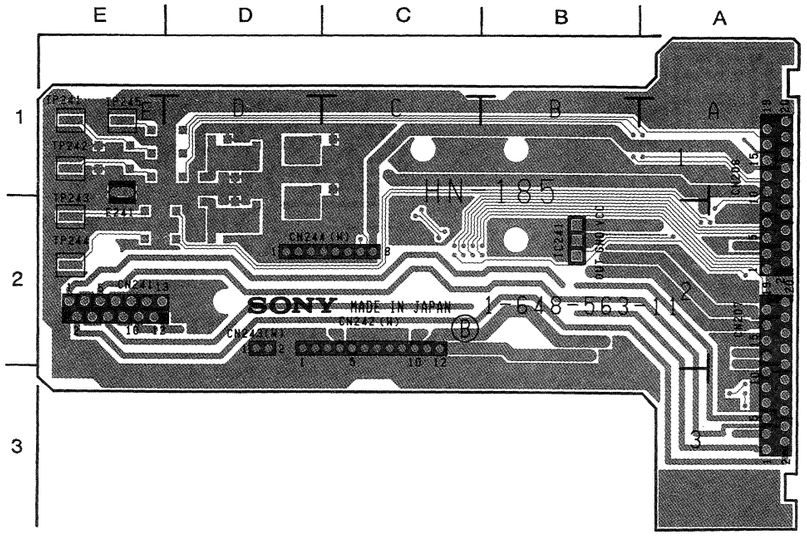


HN-185 BOARD

-A SIDE-

1-648-563-11 (LOT No. 302 - 306)

DVW-A500(J)	; HN-185 MCB
DVW-A500(UC)	; HN-185 MCB
DVW-A500P(EK)	; HN-185 MCB
DVW-A500P(UC)	; HN-185 MCB
DVW-500(J)	; HN-185 MCB
DVW-500(UC)	; HN-185 MCB
DVW-500P(EK)	; HN-185 MCB



HN-185 BOARD

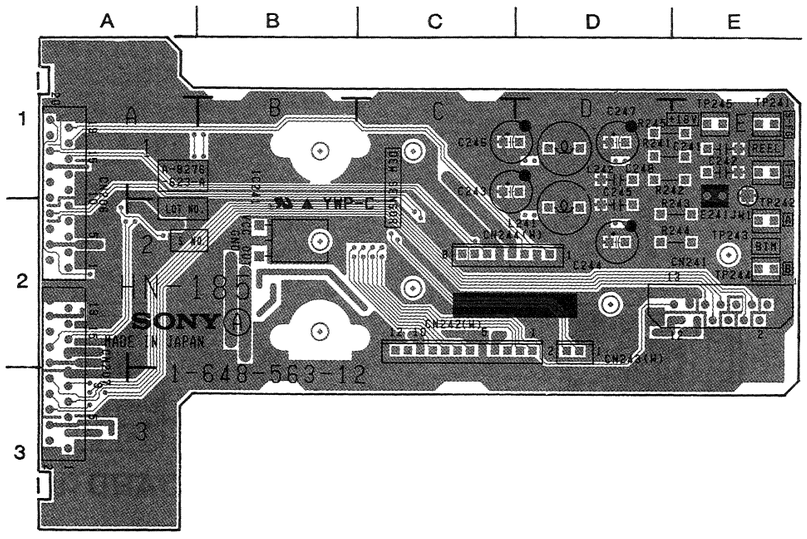
-B SIDE-

1-648-563-11 (LOT No. 302 - 306)

DVW-A500(J)	; HN-185 MCB
DVW-A500(UC)	; HN-185 MCB
DVW-A500P(EK)	; HN-185 MCB
DVW-A500P(UC)	; HN-185 MCB
DVW-500(J)	; HN-185 MCB
DVW-500(UC)	; HN-185 MCB
DVW-500P(EK)	; HN-185 MCB

HN-185(1-648-563-12)

CN206	A-1
CN207	A-3
CN241	E-2
CN242	C-2
CN243	D-2
CN244	C-2
E241	E-1
IC241	B-2
TP241	E-1
TP242	E-1
TP243	E-2
TP244	E-2
TP245	E-1
LOT NO.	C-2

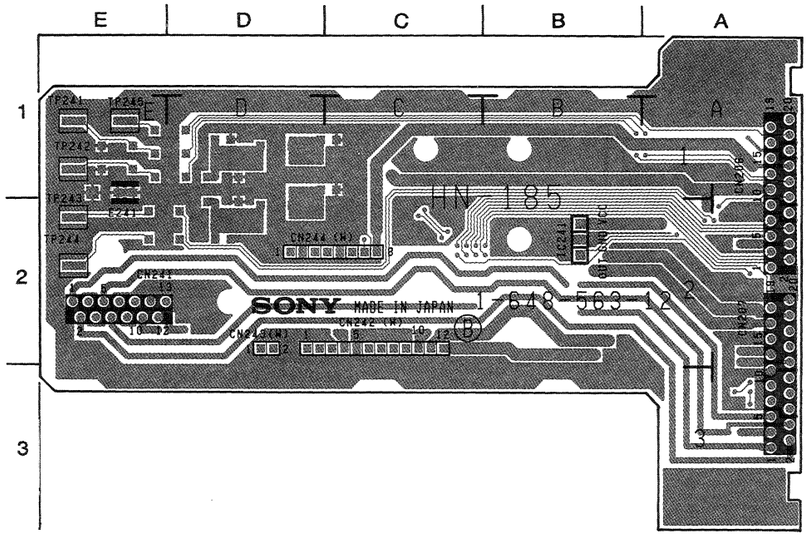


HN-185 BOARD

-A SIDE-

1-648-563-12 (LOT No. 307 - 402)

DVW-A500(J)	; HN-185 MCB
DVW-A500(UC)	; HN-185 MCB
DVW-A500P(EK)	; HN-185 MCB
DVW-500(J)	; HN-185 MCB
DVW-500(UC)	; HN-185 MCB
DVW-500P(EK)	; HN-185 MCB
DVW-A510(J)	; HN-185 MCB
DVW-A510(UC)	; HN-185 MCB
DVW-A510P(EK)	; HN-185 MCB
DVW-510(J)	; HN-185 MCB
DVW-510(UC)	; HN-185 MCB
DVW-510P(EK)	; HN-185 MCB
DVW-CA510(UC)	; HN-185 MCB
DVW-CA510P(EK)	; HN-185 MCB



HN-185 BOARD

-B SIDE-

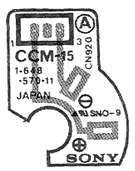
1-648-563-12 (LOT No. 307 - 402)

DVW-A500(J)	; HN-185 MCB
DVW-A500(UC)	; HN-185 MCB
DVW-A500P(EK)	; HN-185 MCB
DVW-500(J)	; HN-185 MCB
DVW-500(UC)	; HN-185 MCB
DVW-500P(EK)	; HN-185 MCB
DVW-A510(J)	; HN-185 MCB
DVW-A510(UC)	; HN-185 MCB
DVW-A510P(EK)	; HN-185 MCB
DVW-510(J)	; HN-185 MCB
DVW-510(UC)	; HN-185 MCB
DVW-510P(EK)	; HN-185 MCB
DVW-CA510(UC)	; HN-185 MCB
DVW-CA510P(EK)	; HN-185 MCB

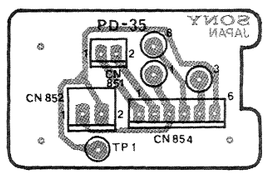
CCM-15, PD-35, PTC-54/59/71, TR-78/79

CCM-15 ; Threadind motor/Reel-shift motor
PD-35 ; Pinch solenoid connection
PTC-54 ; Threading FG
PTC-59 ; Cassette's tabs sensor
PTC-71 ; Reel position sensor
TR-78 ; S tension sensor
TR-79 ; T tension sensor, Therad/unthread end sensor

All DVWs

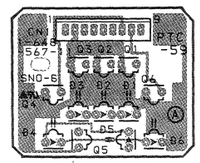


CCM-15 BOARD -A SIDE-
1-648-570-11
All DVWs

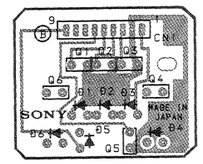


PD-35 BOARD -A SIDE-
1-622-596-11
All DVWs

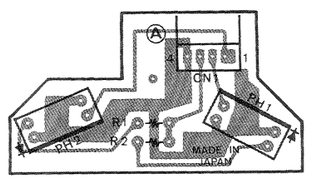
PTC-54 BOARD -A SIDE-
1-640-163-11, 12
All DVWs ; PTC-54 MCB



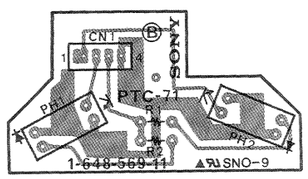
PTC-59 BOARD -A SIDE-
1-648-567-11
All DVWs ; PTC-59 MCB



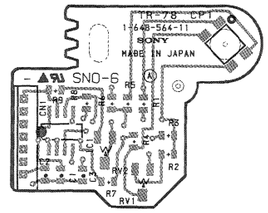
PTC-59 BOARD -B SIDE-
1-648-567-11
All DVWs ; PTC-59 MCB



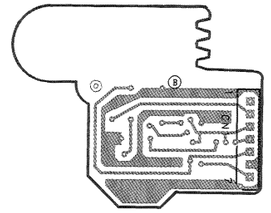
PTC-71 BOARD -A SIDE-
1-648-569-11
All DVWs ; PTC-71 MCB



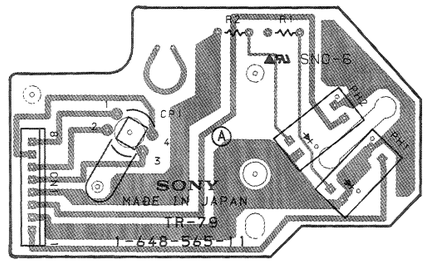
PTC-71 BOARD -B SIDE-
1-648-569-11
All DVWs ; PTC-71 MCB



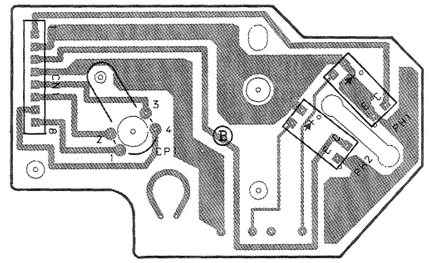
TR-78 BOARD -A SIDE-
1-648-564-11
All DVWs ; TR-78 MCB



TR-78 BOARD -B SIDE-
1-648-564-11
All DVWs ; TR-78 MCB



TR-79 BOARD -A SIDE-
1-648-565-11
All DVWs ; TR-79 MCB

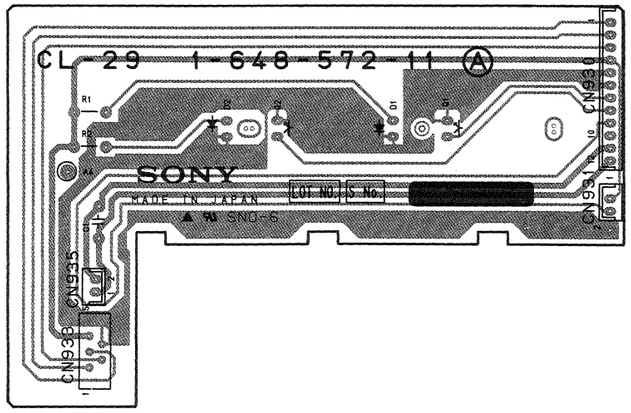


TR-79 BOARD -B SIDE-
1-648-565-11
All DVWs ; TR-79 MCB

1-92

CL-29 ; Cassette up/down motor, Cassette down sensor

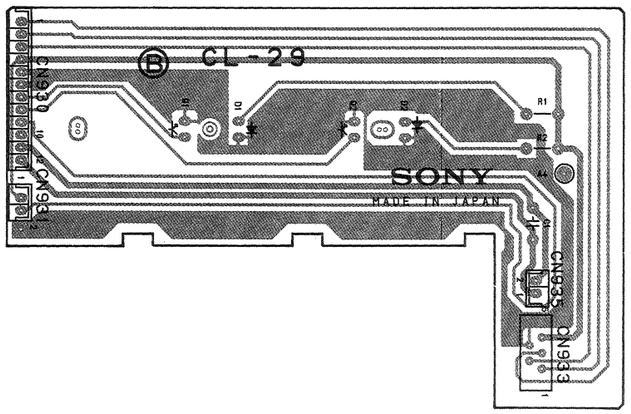
(Board's Lot No. 302 and higher)
DVW-A500/A500P/500/500P
DVW-A510/A510P/510/510P



CL-29 BOARD -A SIDE-

1-648-572-11 (LOT No. 302 -)

DVW-A500(J)	; CL-29	MCB
DVW-A500(UC)	; CL-29	MCB
DVW-A500P(EK)	; CL-29	MCB
DVW-A500P(UC)	; CL-29	MCB
DVW-500(J)	; CL-29	MCB
DVW-500(UC)	; CL-29	MCB
DVW-500P(EK)	; CL-29	MCB
DVW-500P(UC)	; CL-29	MCB
DVW-A510(J)	; CL-29	MCB
DVW-A510(UC)	; CL-29	MCB
DVW-A510P(EK)	; CL-29	MCB
DVW-510(J)	; CL-29	MCB
DVW-510(UC)	; CL-29	MCB
DVW-510P(EK)	; CL-29	MCB



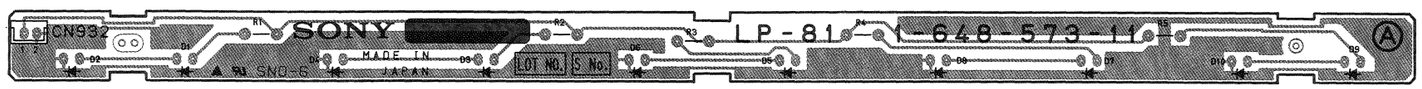
CL-29 BOARD -B SIDE-

1-648-572-11 (LOT No. 302 -)

DVW-A500(J)	; CL-29	MCB
DVW-A500(UC)	; CL-29	MCB
DVW-A500P(EK)	; CL-29	MCB
DVW-A500P(UC)	; CL-29	MCB
DVW-500(J)	; CL-29	MCB
DVW-500(UC)	; CL-29	MCB
DVW-500P(EK)	; CL-29	MCB
DVW-500P(UC)	; CL-29	MCB
DVW-A510(J)	; CL-29	MCB
DVW-A510(UC)	; CL-29	MCB
DVW-A510P(EK)	; CL-29	MCB
DVW-510(J)	; CL-29	MCB
DVW-510(UC)	; CL-29	MCB
DVW-510P(EK)	; CL-29	MCB

LP-81 ; Lamp of cassette compartment

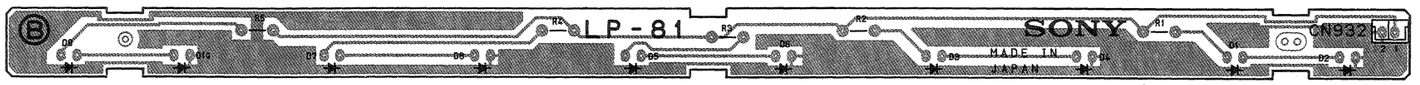
(Board's Lot No. 302 and higher)
DVW-A500/A500P/500/500P
DVW-A510/A510P/510P/510P



LP-81 BOARD -A SIDE-

1-648-573-11 (LOT No. 302 -)

DVW-A500(J)	; LP-81	MCB
DVW-A500(UC)	; LP-81	MCB
DVW-A500P(EK)	; LP-81	MCB
DVW-A500P(UC)	; LP-81	MCB
DVW-500(J)	; LP-81	MCB
DVW-500(UC)	; LP-81	MCB
DVW-500P(EK)	; LP-81	MCB
DVW-500P(UC)	; LP-81	MCB
DVW-A510(J)	; LP-81	MCB
DVW-A510(UC)	; LP-81	MCB
DVW-A510P(EK)	; LP-81	MCB
DVW-510(J)	; LP-81	MCB
DVW-510(UC)	; LP-81	MCB
DVW-510P(EK)	; LP-81	MCB



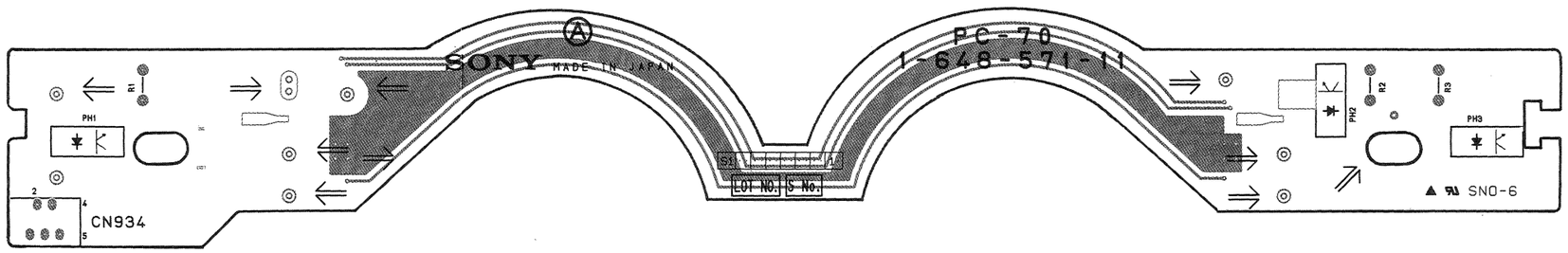
LP-81 BOARD -B SIDE-

1-648-573-11 (LOT No. 302 -)

DVW-A500(J)	; LP-81	MCB
DVW-A500(UC)	; LP-81	MCB
DVW-A500P(EK)	; LP-81	MCB
DVW-A500P(UC)	; LP-81	MCB
DVW-500(J)	; LP-81	MCB
DVW-500(UC)	; LP-81	MCB
DVW-500P(EK)	; LP-81	MCB
DVW-500P(UC)	; LP-81	MCB
DVW-A510(J)	; LP-81	MCB
DVW-A510(UC)	; LP-81	MCB
DVW-A510P(EK)	; LP-81	MCB
DVW-510(J)	; LP-81	MCB
DVW-510(UC)	; LP-81	MCB
DVW-510P(EK)	; LP-81	MCB

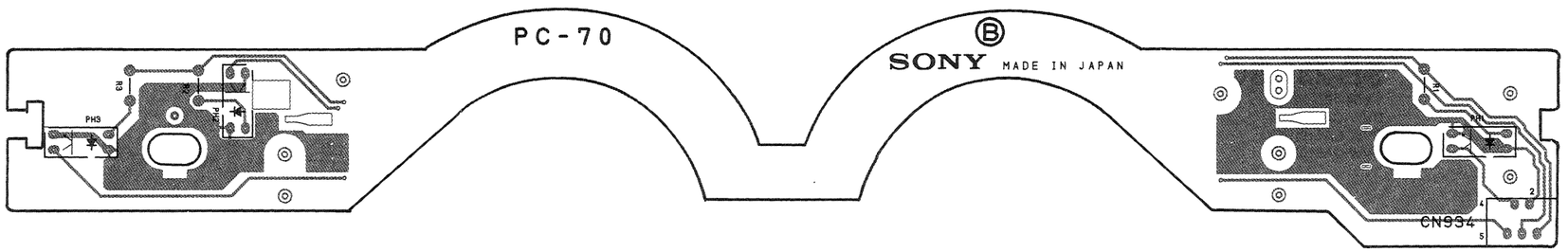
PC-70 ; Cassette-in sensor, Cassette size sensor

(Board's Lot No. 302 and higher)
DVW-A500/A500P/500/500P
DVW-A510/A510P/510/510P



PC-70 BOARD -A SIDE-

1-648-571-11 (LOT No. 302 -)
DVW-A500(J) ; PC-70 MCB
DVW-A500(UC) ; PC-70 MCB
DVW-A500P(EK) ; PC-70 MCB
DVW-A500P(UC) ; PC-70 MCB
DVW-500(J) ; PC-70 MCB
DVW-500(UC) ; PC-70 MCB
DVW-500P(EK) ; PC-70 MCB
DVW-500P(UC) ; PC-70 MCB
DVW-A510(J) ; PC-70 MCB
DVW-A510(UC) ; PC-70 MCB
DVW-A510P(EK) ; PC-70 MCB
DVW-510(J) ; PC-70 MCB
DVW-510(UC) ; PC-70 MCB
DVW-510P(EK) ; PC-70 MCB



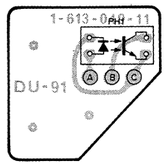
PC-70 BOARD -B SIDE-

1-648-571-11 (LOT No. 302 -)
DVW-A500(J) ; PC-70 MCB
DVW-A500(UC) ; PC-70 MCB
DVW-A500P(EK) ; PC-70 MCB
DVW-A500P(UC) ; PC-70 MCB
DVW-500(J) ; PC-70 MCB
DVW-500(UC) ; PC-70 MCB
DVW-500P(EK) ; PC-70 MCB
DVW-500P(UC) ; PC-70 MCB
DVW-A510(J) ; PC-70 MCB
DVW-A510(UC) ; PC-70 MCB
DVW-A510P(EK) ; PC-70 MCB
DVW-510(J) ; PC-70 MCB
DVW-510(UC) ; PC-70 MCB
DVW-510P(EK) ; PC-70 MCB

LED-200, SE-225/226/237, DU-91, IF-36

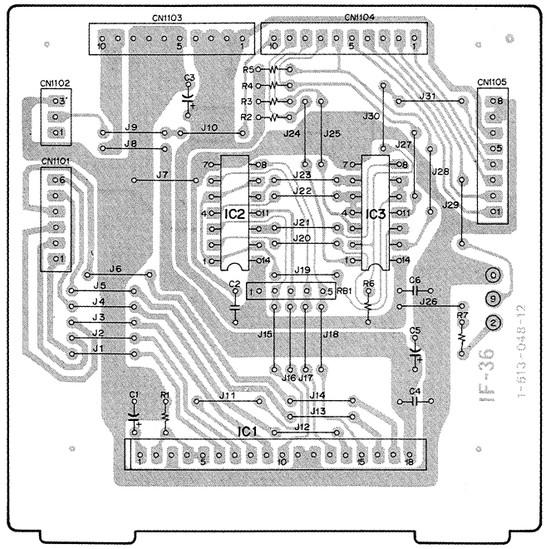
DU-91 ; Cassette up/down, Cassette IN/OUT detector
IF-36 ; Cart interface
LED-200 ; ON AIR lamp
SE-225 ; switch
SE-226 ; switch
SE-237 ; Cassette up/down, Cassette IN/OUT detector

(Board's Lot No. 308 and higher)
DVW-CA510/CA510P



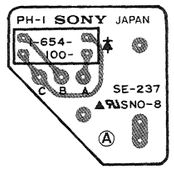
DU-91 BOARD -B SIDE-

1-613-049-11
DVW-CA510(UC)
DVW-CA510P(EK)



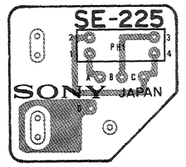
IF-36 BOARD -B SIDE-

1-613-048-12
DVW-CA510(J) ; IF-36 MCB
DVW-CA510(UC) ; IF-36 MCB
DVW-CA510P(EK) ; IF-36 MCB



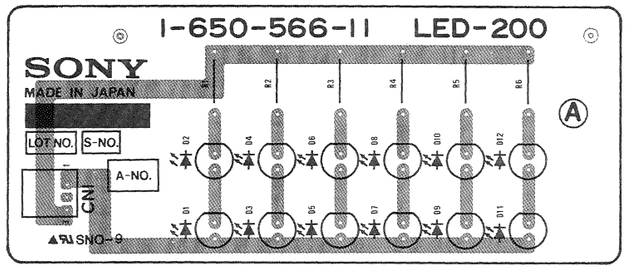
SE-237 BOARD -A SIDE-

1-654-100-12
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



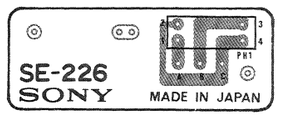
SE-225 BOARD -B SIDE-

1-650-567-11
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



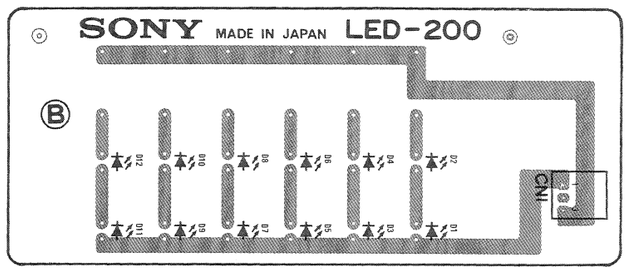
LED-200 BOARD -A SIDE-

1-650-566-11 (LOT No. 308 -)
DVW-CA510(J) ; LED-200 MCB
DVW-CA510(UC) ; LED-200 MCB
DVW-CA510P(EK) ; LED-200 MCB



SE-226 BOARD -B SIDE-

1-650-568-11
DVW-CA510(J)
DVW-CA510(UC)
DVW-CA510P(EK)



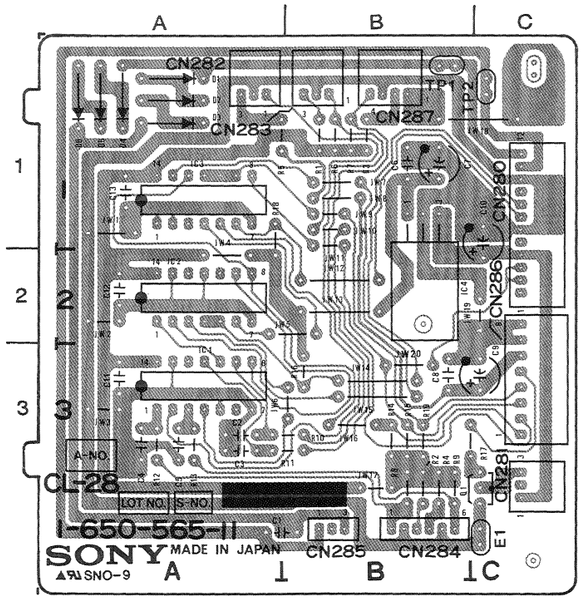
LED-200 BOARD -B SIDE-

1-650-566-11 (LOT No. 308 -)
DVW-CA510(J) ; LED-200 MCB
DVW-CA510(UC) ; LED-200 MCB
DVW-CA510P(EK) ; LED-200 MCB

1-96

CL-28 ; Cassette-up compartment

(Board's Lot No. 308 and higher)
DVW-CA510/CA510P

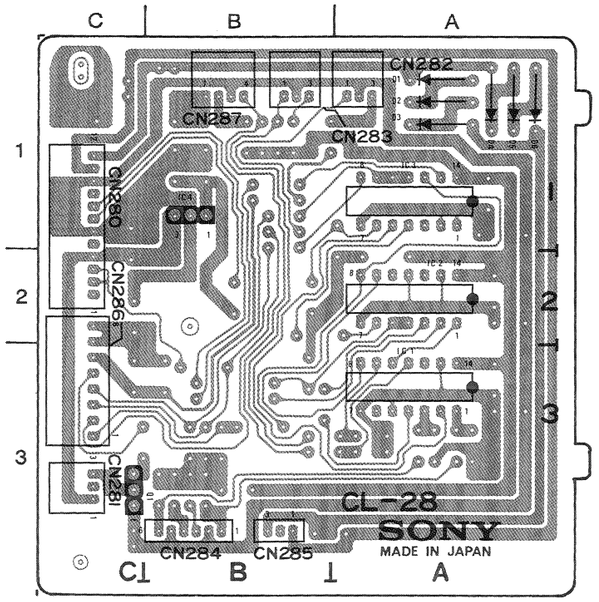


CL-28(1-650-565-11)

D1	A-1
D2	A-1
D3	A-1
D4	A-1
D5	A-1
D6	A-1
E1	C-3
IC1	A-3
IC2	A-2
IC3	A-1
IC4	B-2
Q1	C-3
TP1	B-1
TP2	C-1
LOT NO.	A-3

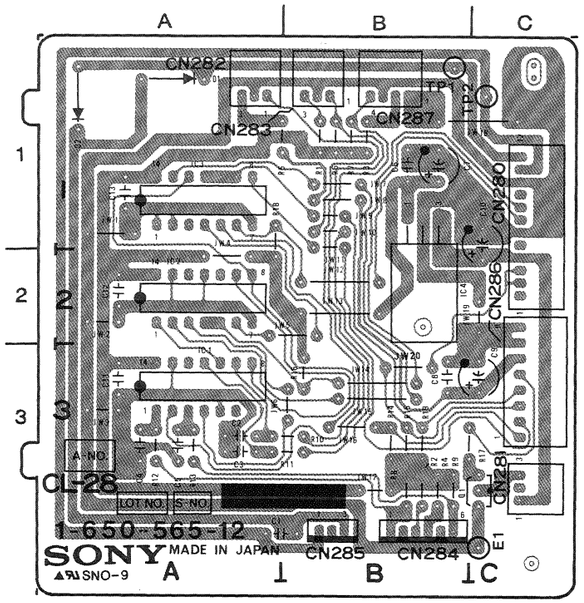
CL-28 BOARD -A SIDE-

1-650-565-11 (LOT No. 308 - 312)
DVW-CA510(UC) ; CL-28 MCB
DVW-CA510P(EK) ; CL-28 MCB



CL-28 BOARD -B SIDE-

1-650-565-11 (LOT No. 308 - 312)
DVW-CA510(UC) ; CL-28 MCB
DVW-CA510P(EK) ; CL-28 MCB

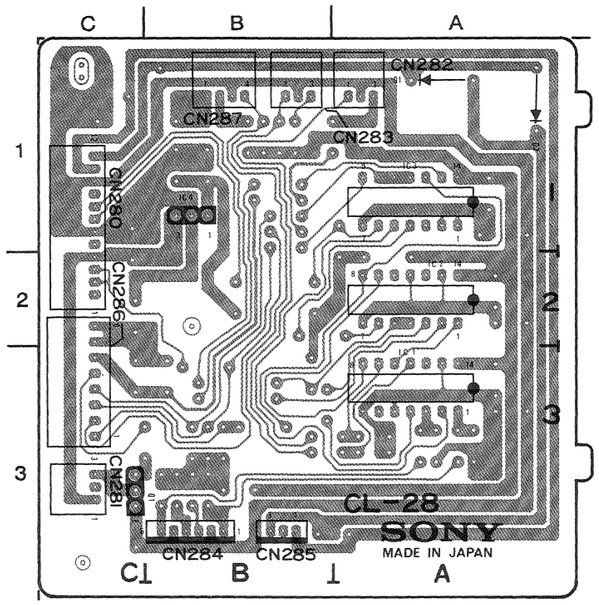


CL-28(1-650-565-12)

D1	A-1
D2	A-1
E1	C-3
IC1	A-3
IC2	A-2
IC3	A-1
IC4	B-2
Q1	C-3
TP1	B-1
TP2	C-1
LOT NO.	A-3

CL-28 BOARD -A SIDE-

1-650-565-12 (LOT No. 401 -)
DVW-CA510(J) ; CL-28 MCB
DVW-CA510(UC) ; CL-28 MCB
DVW-CA510P(EK) ; CL-28 MCB



CL-28 BOARD -B SIDE-

1-650-565-12 (LOT No. 401 -)
DVW-CA510(J) ; CL-28 MCB
DVW-CA510(UC) ; CL-28 MCB
DVW-CA510P(EK) ; CL-28 MCB

FP-58/58B ; Sub control panel and Upper panel function (SWs, LEDs) control, CAV control level conversion

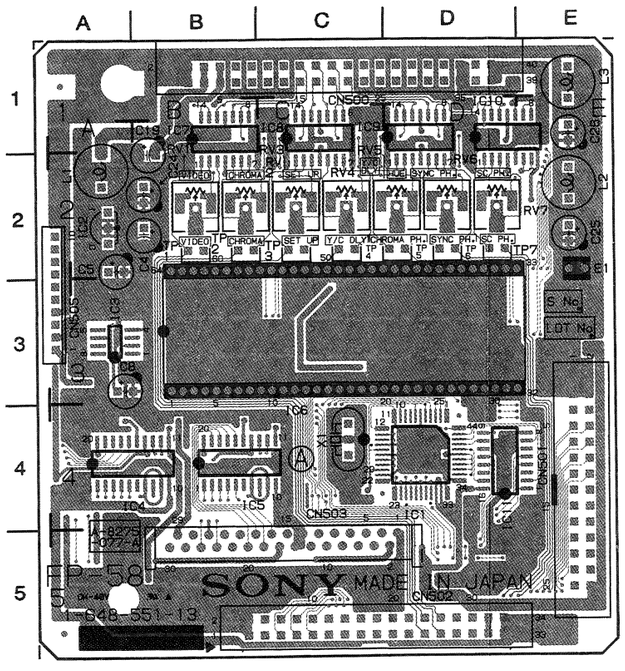
(Board's Lot No. 403 and higher)
All DVWs

FP-58/58B(1-648-551-13/23)

CN500	C-1	IC3	A-3	✱Q1	A-3	TP1	B-2
CN501	E-4	IC4	A-4			TP2	B-2
CN502	D-5	IC5	B-4	RV1	B-1	TP3	C-2
CN503	C-4	IC6	C-3	RV2	C-2	TP4	C-2
CN505	A-3	IC7	B-1	RV3	C-2	TP5	D-2
		IC8	C-1	RV4	C-2	TP6	D-2
E1	E-2	IC9	C-1	RV5	C-1	TP7	E-2
		IC10	D-1	RV6	D-2		
IC1	D-4	IC11	D-4	RV7	E-2	X1	C-4
IC2	A-2						

✱: B SIDE

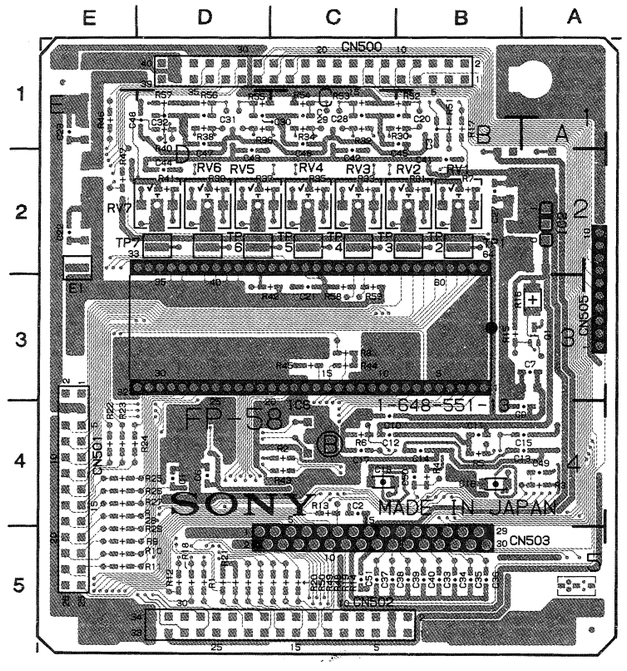
LOT NO. E-3



FP-58/58B BOARD -A SIDE-

1-648-551-13/23 (LOT No. 403 -)

DVW-A500(J)	; FP-58	MCB
DVW-A500(UC)	; FP-58	MCB
DVW-A500P(EK)	; FP-58	MCB
DVW-A500P(UC)	; FP-58	MCB
DVW-500(J)	; FP-58	MCB
DVW-500(UC)	; FP-58	MCB
DVW-500P(EK)	; FP-58	MCB
DVW-500P(UC)	; FP-58	MCB
DVW-A510(J)	; FP-58B	MCB
DVW-A510(UC)	; FP-58B	MCB
DVW-A510P(EK)	; FP-58B	MCB
DVW-510(J)	; FP-58B	MCB
DVW-510(UC)	; FP-58B	MCB
DVW-510P(EK)	; FP-58B	MCB
DVW-CA510(J)	; FP-58B	MCB
DVW-CA510(UC)	; FP-58B	MCB
DVW-CA510P(EK)	; FP-58B	MCB



FP-58/58B BOARD -B SIDE-

1-648-551-13/23 (LOT No. 403 -)

DVW-A500(J)	; FP-58	MCB
DVW-A500(UC)	; FP-58	MCB
DVW-A500P(EK)	; FP-58	MCB
DVW-A500P(UC)	; FP-58	MCB
DVW-500(J)	; FP-58	MCB
DVW-500(UC)	; FP-58	MCB
DVW-500P(EK)	; FP-58	MCB
DVW-500P(UC)	; FP-58	MCB
DVW-A510(J)	; FP-58B	MCB
DVW-A510(UC)	; FP-58B	MCB
DVW-A510P(EK)	; FP-58B	MCB
DVW-510(J)	; FP-58B	MCB
DVW-510(UC)	; FP-58B	MCB
DVW-510P(EK)	; FP-58B	MCB
DVW-CA510(J)	; FP-58B	MCB
DVW-CA510(UC)	; FP-58B	MCB
DVW-CA510P(EK)	; FP-58B	MCB

FP-58/58B ; Sub control panel and Upper panel function (SWs, LEDs) control, CAV control level conversion

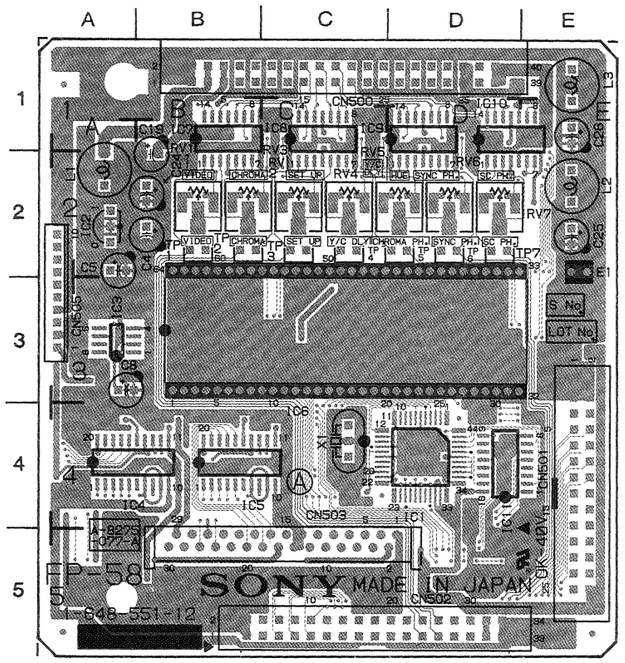
(Board's Lot No. 307 through 402)
All DVWs

FP-58/58B(1-648-551-12/22)

CN500	C-1	IC3	A-3	✱Q1	A-3	TP1	B-2
CN501	E-4	IC4	A-4			TP2	B-2
CN502	D-5	IC5	B-4	RV1	B-1	TP3	C-2
CN503	C-4	IC6	C-3	RV2	C-2	TP4	C-2
CN505	A-3	IC7	B-1	RV3	C-2	TP5	D-2
		IC8	C-1	RV4	C-2	TP6	D-2
E1	E-2	IC9	C-1	RV5	C-1	TP7	E-2
		IC10	D-1	RV6	D-2		
IC1	D-4	IC11	D-4	RV7	E-2	X1	C-4
IC2	A-2						

✱: B SIDE

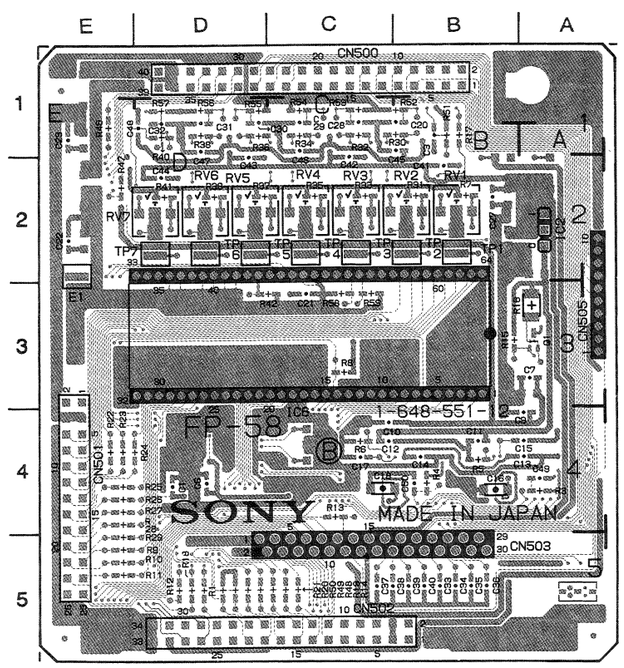
LOT NO. E-3



FP-58/58B BOARD -A SIDE-

1-648-551-12/22 (LOT No. 307 - 402)

DVW-A500(J)	; FP-58	MCB
DVW-A500(UC)	; FP-58	MCB
DVW-A500P(EK)	; FP-58	MCB
DVW-500(J)	; FP-58	MCB
DVW-500(UC)	; FP-58	MCB
DVW-500P(EK)	; FP-58	MCB
DVW-A510(J)	; FP-58B	MCB
DVW-A510(UC)	; FP-58B	MCB
DVW-A510P(EK)	; FP-58B	MCB
DVW-510(J)	; FP-58B	MCB
DVW-510(UC)	; FP-58B	MCB
DVW-510P(EK)	; FP-58B	MCB
DVW-CA510(UC)	; FP-58B	MCB
DVW-CA510P(EK)	; FP-58B	MCB



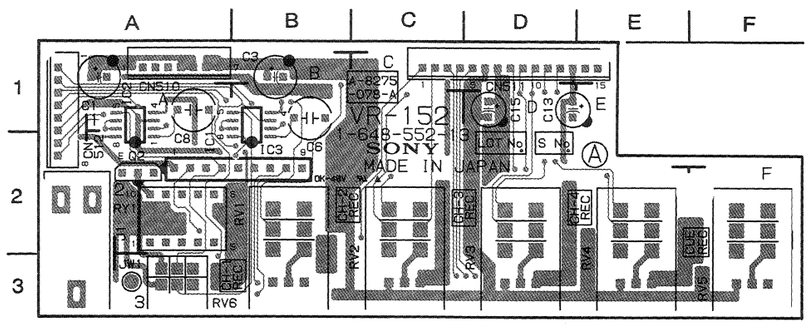
FP-58/58B BOARD -B SIDE-

1-648-551-12/22 (LOT No. 307 - 402)

DVW-A500(J)	; FP-58	MCB
DVW-A500(UC)	; FP-58	MCB
DVW-A500P(EK)	; FP-58	MCB
DVW-500(J)	; FP-58	MCB
DVW-500(UC)	; FP-58	MCB
DVW-500P(EK)	; FP-58	MCB
DVW-A510(J)	; FP-58B	MCB
DVW-A510(UC)	; FP-58B	MCB
DVW-A510P(EK)	; FP-58B	MCB
DVW-510(J)	; FP-58B	MCB
DVW-510(UC)	; FP-58B	MCB
DVW-510P(EK)	; FP-58B	MCB
DVW-CA510(UC)	; FP-58B	MCB
DVW-CA510P(EK)	; FP-58B	MCB

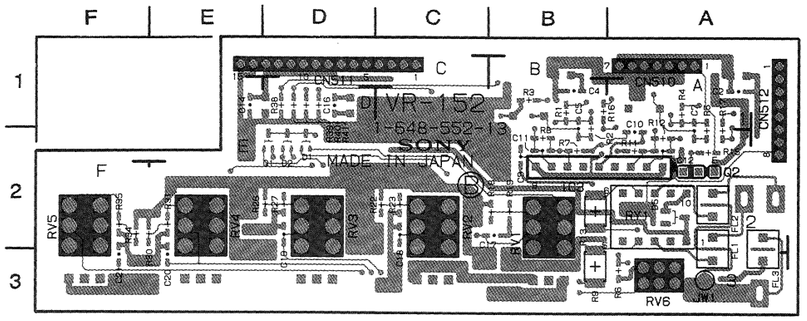
VR-152 ; Audio REC and Phone level RVs, Phone connector

(Board's Lot No. 403 and higher)
All recorder models



VR-152 BOARD -A SIDE-

1-648-552-13 (LOT No. 403 -)
DVW-A500(J) ; VR-152 MCB
DVW-A500(UC) ; VR-152 MCB
DVW-A500P(EK) ; VR-152 MCB
DVW-A500P(UC) ; VR-152 MCB
DVW-500(J) ; VR-152 MCB
DVW-500(UC) ; VR-152 MCB
DVW-500P(EK) ; VR-152 MCB
DVW-500P(UC) ; VR-152 MCB



VR-152 BOARD -B SIDE-

1-648-552-13 (LOT No. 403 -)
DVW-A500(J) ; VR-152 MCB
DVW-A500(UC) ; VR-152 MCB
DVW-A500P(EK) ; VR-152 MCB
DVW-A500P(UC) ; VR-152 MCB
DVW-500(J) ; VR-152 MCB
DVW-500(UC) ; VR-152 MCB
DVW-500P(EK) ; VR-152 MCB
DVW-500P(UC) ; VR-152 MCB

VR-152(1-648-552-13)

CN510	A-1
CN511	D-1
CN512	A-1
✱D1	D-2
✱D2	D-2
✱D5	A-2
✱FL1	A-3
✱FL2	A-2
✱FL3	A-3
IC1	B-1
IC2	A-1
IC3	B-2
J1	A-2
JW1	A-3
✱Q1	D-2
Q2	A-2
RV1	B-1
RV2	C-1
RV3	D-1
RV4	E-1
RV5	F-1
RV6	A-1
RY1	A-2

✱ : B SIDE

LOT NO. D-2

FP-58/58B, DUS-728

FP-58/58B ; Sub control panel and Upper panel function (SWs, LEDs) control,
CAV control level conversion
DUS-728

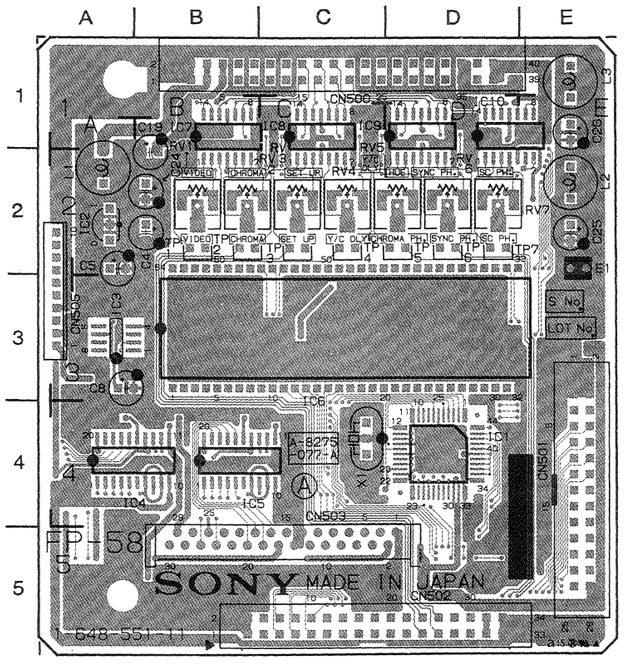
(Board's Lot No. 302 through 306)
All DVWs

FP-58(1-648-551-11)

CN500	C-1	IC3	A-3	RV1	B-1	TP3	C-2
CN501	E-4	IC4	A-4	RV2	C-2	TP4	C-2
CN502	D-5	IC5	B-4	RV3	C-2	TP5	D-2
CN503	C-4	IC6	C-3	RV4	C-2	TP6	D-2
CN505	A-3	IC7	B-1	RV5	C-1	TP7	E-2
		IC8	C-1	RV6	D-2		
E1	E-2	IC9	C-1	RV7	E-2	X1	C-4
		IC10	D-1				
IC1	D-4			TP1	B-2		
IC2	A-2	✱Q1	A-3	TP2	B-2		

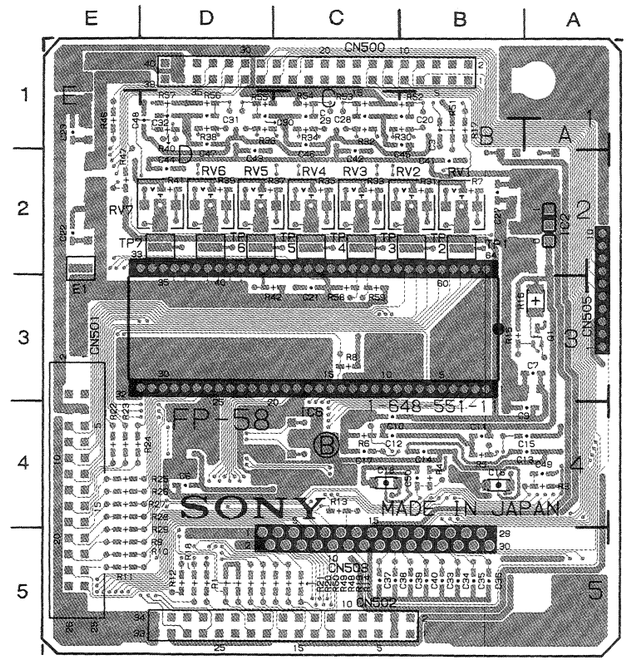
✱ : B SIDE

LOT NO. E-3



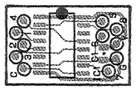
FP-58 BOARD -A SIDE-

1-648-551-11 (LOT No. 302 - 306)
DVW-A500(J) ; FP-58 MCB
DVW-A500(UC) ; FP-58 MCB
DVW-A500P(EK) ; FP-58 MCB
DVW-A500P(UC) ; FP-58 MCB
DVW-500(J) ; FP-58 MCB
DVW-500(UC) ; FP-58 MCB
DVW-500P(EK) ; FP-58 MCB



FP-58 BOARD -B SIDE-

1-648-551-11 (LOT No. 302 - 306)
DVW-A500(J) ; FP-58 MCB
DVW-A500(UC) ; FP-58 MCB
DVW-A500P(EK) ; FP-58 MCB
DVW-A500P(UC) ; FP-58 MCB
DVW-500(J) ; FP-58 MCB
DVW-500(UC) ; FP-58 MCB
DVW-500P(EK) ; FP-58 MCB



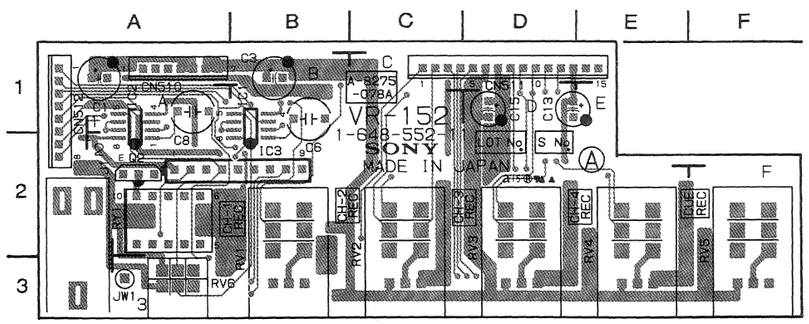
DUS-728 BOARD -A SIDE-

1-651-012-11
for FP-58 (1-648-551-11) of LOT No. 306
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

1-98 (a)

VR-152 ; Audio REC and Phone level RVs, Phone connector

(Board's Lot No. 302 through 402)
All recorder models



VR-152 BOARD -A SIDE-

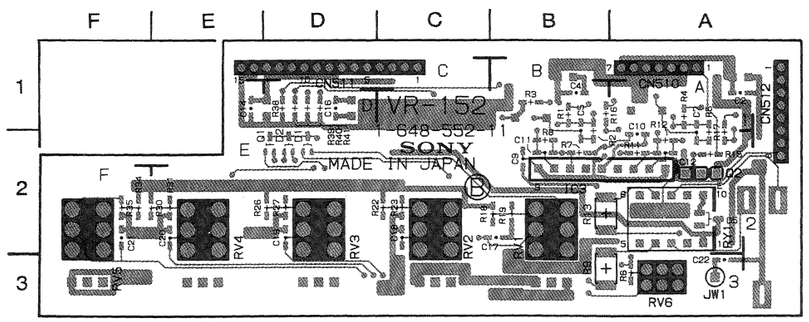
1-648-552-11 (LOT No. 302 - 306)
DVW-A500(J) ; VR-152 MCB
DVW-A500(UC) ; VR-152 MCB
DVW-A500P(EK) ; VR-152 MCB
DVW-A500P(UC) ; VR-152 MCB
DVW-500(J) ; VR-152 MCB
DVW-500(UC) ; VR-152 MCB
DVW-500P(EK) ; VR-152 MCB

VR-152(1-648-552-11)

CN510	A-1
CN511	D-1
CN512	A-1
✱D1	D-2
✱D2	D-2
✱D5	A-2
IC1	B-1
IC2	A-1
IC3	B-2
J1	A-2
JW1	A-3
✱Q1	D-2
Q2	A-2
RV1	B-1
RV2	C-1
RV3	D-1
RV4	E-1
RV5	F-1
RV6	A-1
RY1	A-2

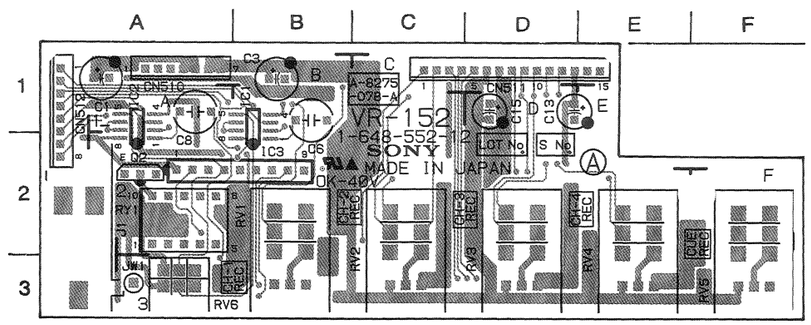
✱: B SIDE

LOT NO. D-2



VR-152 BOARD -B SIDE-

1-648-552-11 (LOT No. 302 - 306)
DVW-A500(J) ; VR-152 MCB
DVW-A500(UC) ; VR-152 MCB
DVW-A500P(EK) ; VR-152 MCB
DVW-A500P(UC) ; VR-152 MCB
DVW-500(J) ; VR-152 MCB
DVW-500(UC) ; VR-152 MCB
DVW-500P(EK) ; VR-152 MCB



VR-152 BOARD -A SIDE-

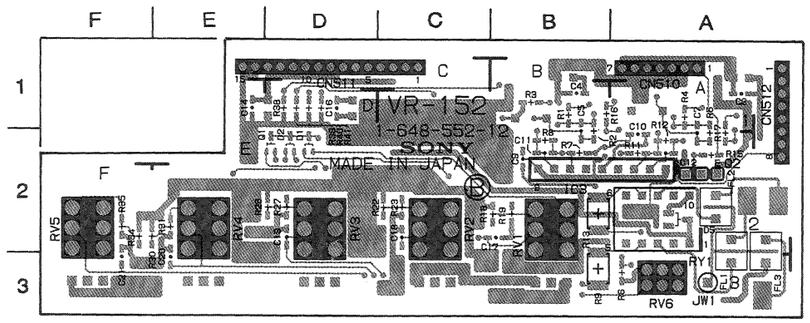
1-648-552-12 (LOT No. 307 - 402)
DVW-A500(J) ; VR-152 MCB
DVW-A500(UC) ; VR-152 MCB
DVW-A500P(EK) ; VR-152 MCB
DVW-500(J) ; VR-152 MCB
DVW-500(UC) ; VR-152 MCB
DVW-500P(EK) ; VR-152 MCB

VR-152(1-648-552-12)

CN510	A-1
CN511	D-1
CN512	A-1
✱D1	D-2
✱D2	D-2
✱D5	A-2
✱FL1	A-3
✱FL2	A-2
✱FL3	A-3
IC1	B-1
IC2	A-1
IC3	B-2
J1	A-2
JW1	A-3
✱Q1	D-2
Q2	A-2
RV1	B-1
RV2	C-1
RV3	D-1
RV4	E-1
RV5	F-1
RV6	A-1
RY1	A-2

✱: B SIDE

LOT NO. D-2

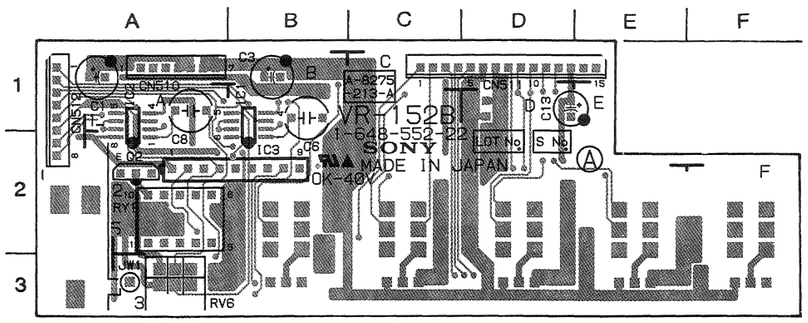


VR-152 BOARD -B SIDE-

1-648-552-12 (LOT No. 307 - 402)
DVW-A500(J) ; VR-152 MCB
DVW-A500(UC) ; VR-152 MCB
DVW-A500P(EK) ; VR-152 MCB
DVW-500(J) ; VR-152 MCB
DVW-500(UC) ; VR-152 MCB
DVW-500P(EK) ; VR-152 MCB

VR-152B ; Phone level RVs, Phone connector

(Board's Lot No. 307 and higher)
All player models



VR-152B BOARD -A SIDE-

1-648-552-22 (LOT No. 307 - 402)

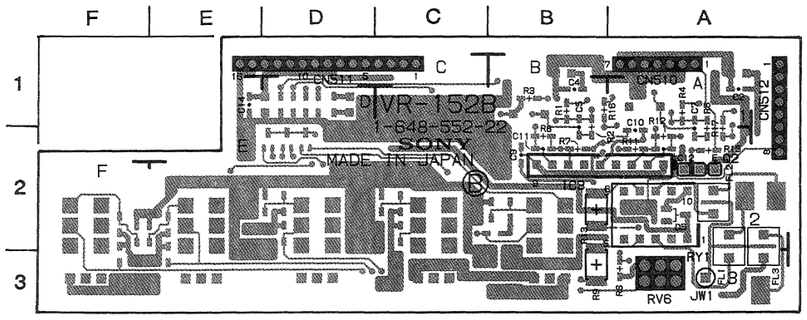
DVW-A510(J)	; VR-152B MCB
DVW-A510(UC)	; VR-152B MCB
DVW-A510P(EK)	; VR-152B MCB
DVW-510(J)	; VR-152B MCB
DVW-510(UC)	; VR-152B MCB
DVW-510P(EK)	; VR-152B MCB
DVW-CA510(UC)	; VR-152B MCB
DVW-CA510P(EK)	; VR-152B MCB

VR-152B(1-648-552-22)

CN510	A-1
CN511	D-1
CN512	A-1
✱D5	A-2
✱FL1	A-3
✱FL2	A-2
✱FL3	A-3
IC1	B-1
IC2	A-1
IC3	B-2
J1	A-2
JW1	A-3
Q2	A-2
RV6	A-1
RY1	A-2

✱ : B SIDE

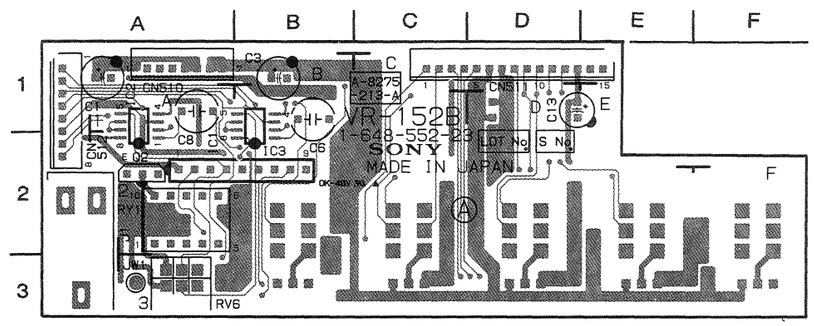
LOT NO. D-2



VR-152B BOARD -B SIDE-

1-648-552-22 (LOT No. 307 - 402)

DVW-A510(J)	; VR-152B MCB
DVW-A510(UC)	; VR-152B MCB
DVW-A510P(EK)	; VR-152B MCB
DVW-510(J)	; VR-152B MCB
DVW-510(UC)	; VR-152B MCB
DVW-510P(EK)	; VR-152B MCB
DVW-CA510(UC)	; VR-152B MCB
DVW-CA510P(EK)	; VR-152B MCB



VR-152B BOARD -A SIDE-

1-648-552-23 (LOT No. 403 -)

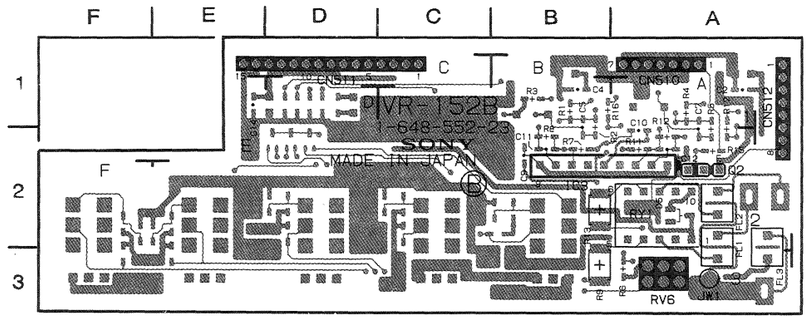
DVW-A510(J)	; VR-152B MCB
DVW-A510(UC)	; VR-152B MCB
DVW-A510P(EK)	; VR-152B MCB
DVW-510(J)	; VR-152B MCB
DVW-510(UC)	; VR-152B MCB
DVW-510P(EK)	; VR-152B MCB
DVW-CA510(J)	; VR-152B MCB
DVW-CA510(UC)	; VR-152B MCB
DVW-CA510P(EK)	; VR-152B MCB

VR-152B(1-648-552-23)

CN510	A-1
CN511	D-1
CN512	A-1
✱D5	A-2
✱FL1	A-3
✱FL2	A-2
✱FL3	A-3
IC1	B-1
IC2	A-1
IC3	B-2
J1	A-2
JW1	A-3
Q2	A-2
RV6	A-1
RY1	A-2

✱ : B SIDE

LOT NO. D-2



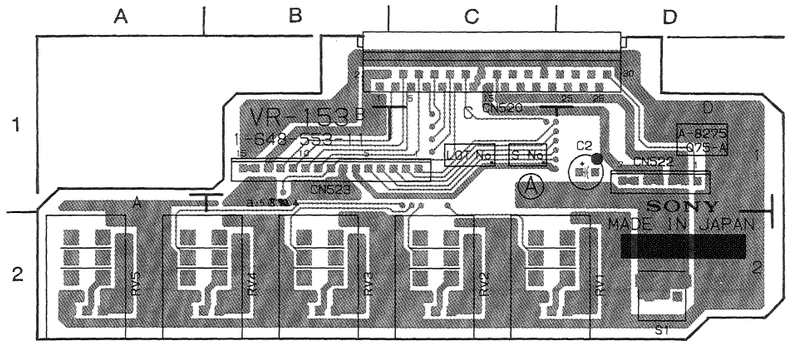
VR-152B BOARD -B SIDE-

1-648-552-23 (LOT No. 403 -)

DVW-A510(J)	; VR-152B MCB
DVW-A510(UC)	; VR-152B MCB
DVW-A510P(EK)	; VR-152B MCB
DVW-510(J)	; VR-152B MCB
DVW-510(UC)	; VR-152B MCB
DVW-510P(EK)	; VR-152B MCB
DVW-CA510(J)	; VR-152B MCB
DVW-CA510(UC)	; VR-152B MCB
DVW-CA510P(EK)	; VR-152B MCB

VR-153/153B ; Audio PB level RVs

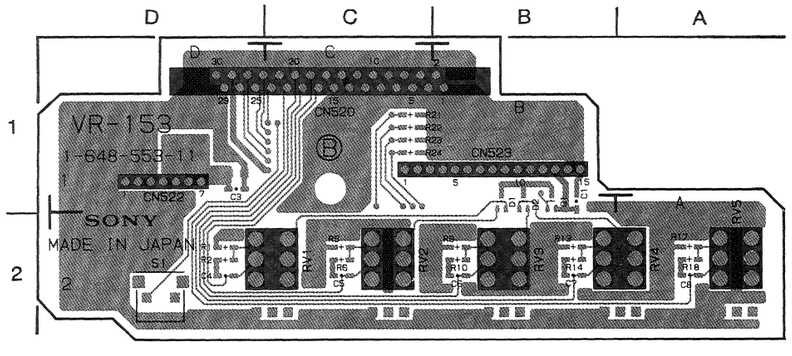
(Board's Lot No. 302 and higher)
All DVWs



VR-153 BOARD -A SIDE-

1-648-553-11 (LOT No. 302 - 306)

DVW-A500(J)	; VR-153	MCB
DVW-A500(UC)	; VR-153	MCB
DVW-A500P(EK)	; VR-153	MCB
DVW-A500P(UC)	; VR-153	MCB
DVW-500(J)	; VR-153	MCB
DVW-500(UC)	; VR-153	MCB
DVW-500P(EK)	; VR-153	MCB



VR-153 BOARD -B SIDE-

1-648-553-11 (LOT No. 302 - 306)

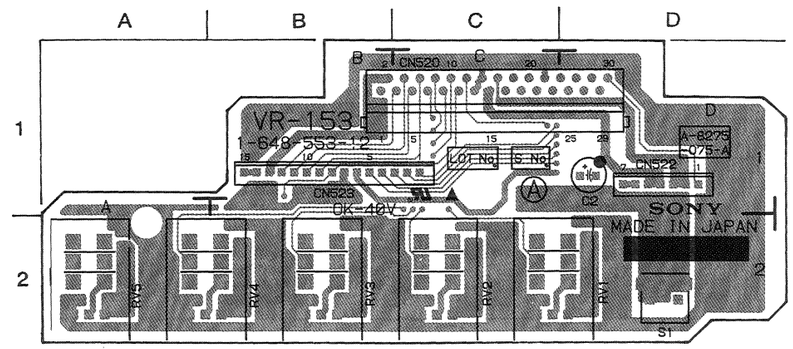
DVW-A500(J)	; VR-153	MCB
DVW-A500(UC)	; VR-153	MCB
DVW-A500P(EK)	; VR-153	MCB
DVW-A500P(UC)	; VR-153	MCB
DVW-500(J)	; VR-153	MCB
DVW-500(UC)	; VR-153	MCB
DVW-500P(EK)	; VR-153	MCB

VR-153(1-648-553-11)

CN520	C-1
CN522	D-1
CN523	B-1
✱D1	B-1
✱D2	B-1
✱Q1	B-1
RV1	C-2
RV2	C-2
RV3	B-2
RV4	A-2
RV5	A-2
S1	D-2

✱ : B SIDE

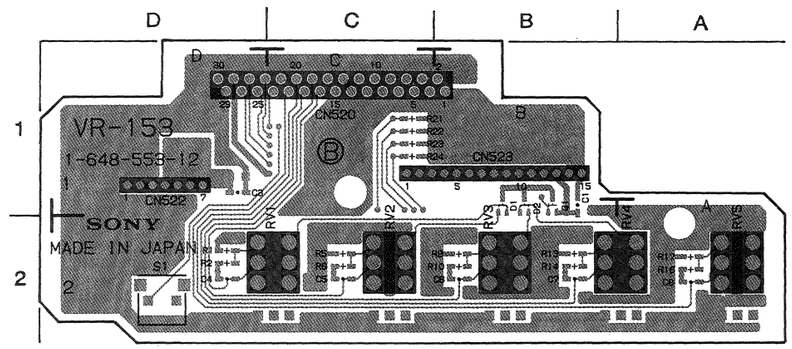
LOT NO. C-1



VR-153/153B BOARD -A SIDE-

1-648-553-12/22 (LOT No. 307 -)

DVW-A500(J)	; VR-153	MCB
DVW-A500(UC)	; VR-153	MCB
DVW-A500P(EK)	; VR-153	MCB
DVW-A500P(UC)	; VR-153	MCB
DVW-500(J)	; VR-153	MCB
DVW-500(UC)	; VR-153	MCB
DVW-500P(EK)	; VR-153	MCB
DVW-500P(UC)	; VR-153	MCB
DVW-A510(J)	; VR-153B	MCB
DVW-A510(UC)	; VR-153B	MCB
DVW-A510P(EK)	; VR-153B	MCB
DVW-510(J)	; VR-153B	MCB
DVW-510(UC)	; VR-153B	MCB
DVW-510P(EK)	; VR-153B	MCB
DVW-CA510(J)	; VR-153B	MCB
DVW-CA510(UC)	; VR-153B	MCB
DVW-CA510P(EK)	; VR-153B	MCB



VR-153/153B BOARD -B SIDE-

1-648-553-12/22 (LOT No. 307 -)

DVW-A500(J)	; VR-153	MCB
DVW-A500(UC)	; VR-153	MCB
DVW-A500P(EK)	; VR-153	MCB
DVW-A500P(UC)	; VR-153	MCB
DVW-500(J)	; VR-153	MCB
DVW-500(UC)	; VR-153	MCB
DVW-500P(EK)	; VR-153	MCB
DVW-500P(UC)	; VR-153	MCB
DVW-A510(J)	; VR-153B	MCB
DVW-A510(UC)	; VR-153B	MCB
DVW-A510P(EK)	; VR-153B	MCB
DVW-510(J)	; VR-153B	MCB
DVW-510(UC)	; VR-153B	MCB
DVW-510P(EK)	; VR-153B	MCB
DVW-CA510(J)	; VR-153B	MCB
DVW-CA510(UC)	; VR-153B	MCB
DVW-CA510P(EK)	; VR-153B	MCB

VR-153/153B(1-648-553-12/22)

CN520	C-1
CN522	D-1
CN523	B-1
✱D1	B-1
✱D2	B-1
✱Q1	B-1
RV1	C-2
RV2	C-2
RV3	B-2
RV4	A-2
RV5	A-2
S1	D-2

✱ : B SIDE

LOT NO. C-1

SWC-17 ; Upper panel function (SWs, LEDs)

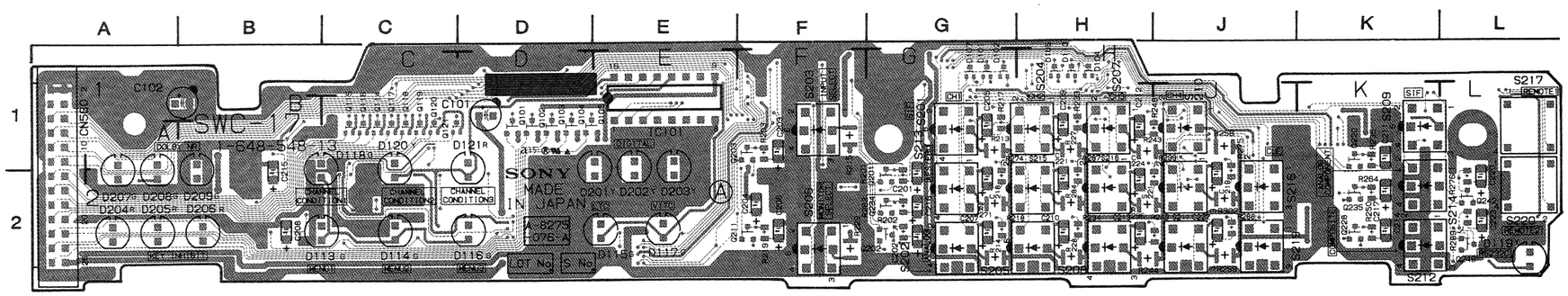
(Board's Lot No. 403 and higher)
All recorder models

SWC-17(1-648-548-13)

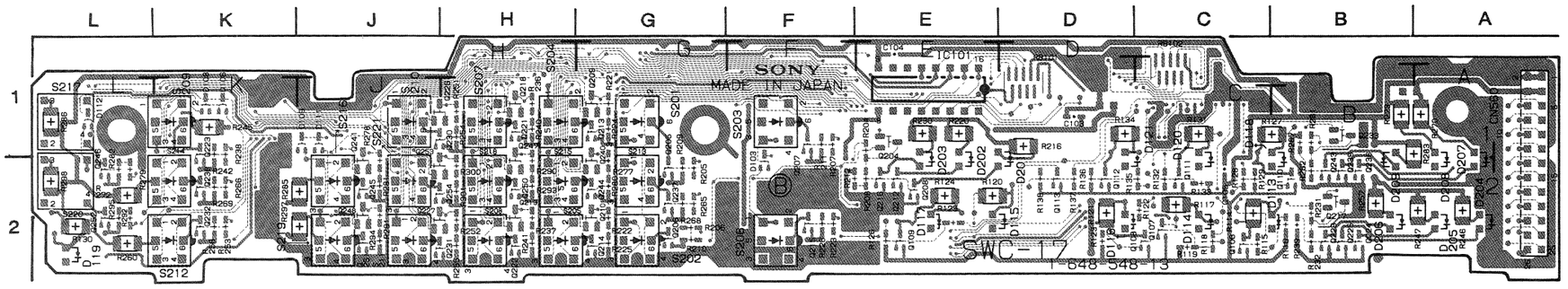
CN560	A-1	✱Q217	B-2
		✱Q218	H-1
D101	G-1	✱Q219	H-2
D102	G-1	Q220	K-1
✱D103	F-2	✱Q221	H-1
D104	H-1	✱Q222	H-2
D105	H-1	✱Q223	K-2
✱D106	K-1	✱Q224	B-2
D107	G-1	✱Q225	B-2
✱D108	K-1	✱Q226	H-1
✱D109	J-1	✱Q227	J-2
D110	H-1	Q228	K-2
✱D111	J-1	✱Q229	B-2
✱D112	L-1	✱Q230	H-1
D113	B-2	Q231	H-2
D114	C-2	✱Q232	K-2
D115	E-2	✱Q233	B-1
D116	C-2	Q234	G-2
D117	E-2	Q235	K-2
D118	C-1	✱Q236	B-2
D119	L-2	✱Q237	G-2
D120	C-1	✱Q238	K-2
D121	C-1	✱Q239	B-2
D201	D-2	✱Q240	G-2
D202	E-2	✱Q241	J-1
D203	E-2	Q242	L-2
D204	A-2	✱Q243	B-2
D205	A-2	✱Q244	G-2
D206	B-2	✱Q245	J-2
D207	A-2	✱Q246	L-2
D208	A-2	✱Q247	H-1
D209	B-2	✱Q248	J-2
		Q249	L-2
IC101	E-1	✱Q250	H-2
		✱Q251	J-2
Q101	D-1	✱Q252	L-2
Q102	D-1	✱Q253	J-1
Q103	D-1	✱Q254	H-2
Q104	D-1		
Q105	E-1	✱RB101	D-1
✱Q106	C-2	✱RB102	C-1
✱Q107	C-2		
✱Q108	D-2	S201	G-1
✱Q109	E-2	S202	G-2
✱Q110	B-2	S203	F-1
✱Q111	C-2	S204	H-1
✱Q112	D-2	S205	G-2
✱Q113	D-2	S206	F-2
Q114	C-1	S207	H-1
Q115	C-1	S208	H-2
Q116	C-1	S209	K-1
Q117	C-1	S210	J-1
Q118	C-1	S211	J-2
Q119	C-1	S212	K-2
Q120	C-1	S213	G-1
Q121	C-1	S214	L-2
Q201	G-2	S215	H-1
Q202	F-2	S216	J-2
Q203	E-1	S217	L-1
✱Q204	E-1	S218	H-1
✱Q205	G-1	S219	J-2
✱Q206	G-2	S220	L-2
✱Q207	F-2	S221	H-2
✱Q208	E-2		
✱Q209	G-1		
✱Q210	G-2		
Q211	E-2		
✱Q212	E-2		
✱Q213	G-1		
✱Q214	G-2		
✱Q215	F-2		
✱Q216	E-2		

✱: B SIDE

LOT NO. G-2



SWC-17 BOARD -A SIDE-
1-648-548-13 (LOT No. 403 -)
DVW-A500(J) ; SWC-17 MCB
DVW-A500(UC) ; SWC-17 MCB
DVW-A500P(EK) ; SWC-17 MCB
DVW-A500P(UC) ; SWC-17 MCB
DVW-500(J) ; SWC-17 MCB
DVW-500(UC) ; SWC-17 MCB
DVW-500P(EK) ; SWC-17 MCB
DVW-500P(UC) ; SWC-17 MCB



SWC-17 BOARD -B SIDE-
1-648-548-13 (LOT No. 403 -)
DVW-A500(J) ; SWC-17 MCB
DVW-A500(UC) ; SWC-17 MCB
DVW-A500P(EK) ; SWC-17 MCB
DVW-A500P(UC) ; SWC-17 MCB
DVW-500(J) ; SWC-17 MCB
DVW-500(UC) ; SWC-17 MCB
DVW-500P(EK) ; SWC-17 MCB
DVW-500P(UC) ; SWC-17 MCB

SWC-17B ; Upper panel function (SWs, LEDs)

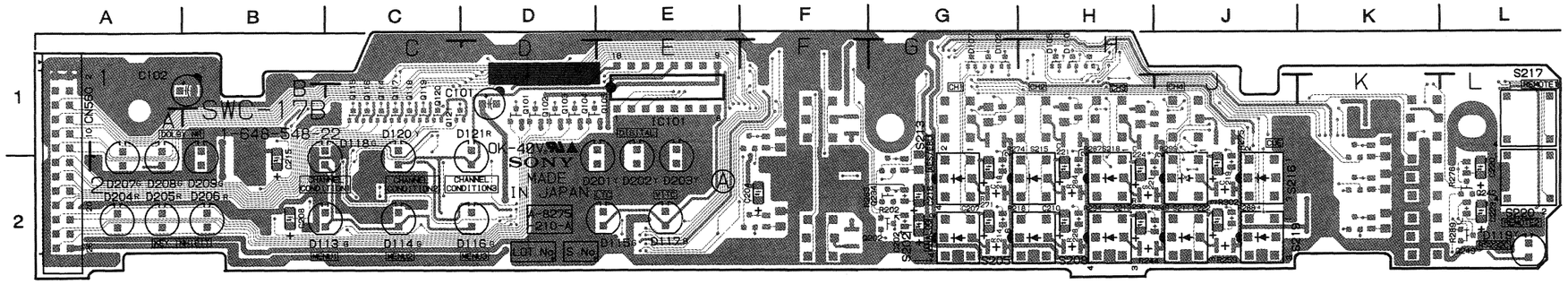
(Board's Lot No. 403 and higher)
All player models

SWC-17B(1-648-548-22)

CN560	A-1	Q202	F-2
		✱Q204	E-1
D102	G-1	✱Q206	G-2
D105	H-1	✱Q208	E-2
D107	G-1	✱Q210	G-2
✱D109	J-1	✱Q212	E-2
D110	H-1	✱Q214	G-2
✱D111	J-1	✱Q216	E-2
✱D112	L-1	✱Q217	B-2
D113	B-2	✱Q219	H-2
D114	C-2	✱Q222	H-2
D115	E-2	✱Q224	B-2
D116	C-2	✱Q225	B-2
D117	E-2	✱Q227	J-2
D118	C-1	✱Q229	B-2
D119	L-2	Q231	H-2
D120	C-1	✱Q233	B-1
D121	C-1	Q234	G-2
D201	D-2	✱Q236	B-2
D202	E-2	✱Q237	G-2
D203	E-2	✱Q239	B-2
D204	A-2	✱Q240	G-2
D205	A-2	✱Q241	J-1
D206	B-2	Q242	L-2
D207	A-2	✱Q243	B-2
D208	A-2	✱Q244	G-2
D209	B-2	✱Q245	J-2
		✱Q246	L-2
IC101	E-1	✱Q247	H-1
		✱Q248	J-2
Q101	D-1	Q249	L-2
Q102	D-1	✱Q250	H-2
Q103	D-1	✱Q251	J-2
Q104	D-1	✱Q252	L-2
Q105	E-1	✱Q253	J-1
✱Q106	C-2	✱Q254	H-2
✱Q107	C-2		
✱Q108	D-2	✱RB101	D-1
✱Q109	E-2	✱RB102	C-1
✱Q110	B-2		
✱Q111	C-2	S202	G-2
✱Q112	D-2	S205	G-2
✱Q113	D-2	S208	H-2
Q114	C-1	S211	J-2
Q115	C-1	S213	G-1
Q116	C-1	S215	H-1
Q117	C-1	S216	J-2
Q118	C-1	S217	L-1
Q119	C-1	S218	H-1
Q120	C-1	S219	J-2
Q121	C-1	S220	L-2
		S221	H-2

✱: B SIDE

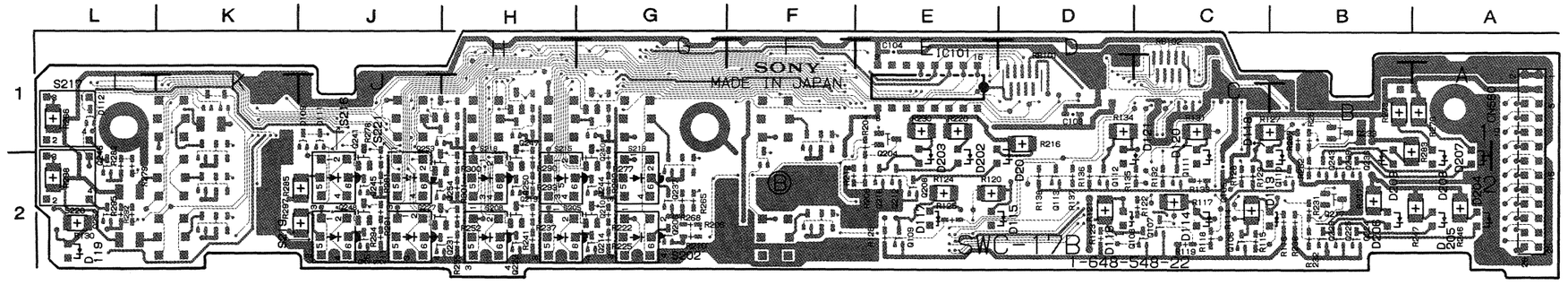
LOT NO. D-2



SWC-17B BOARD -A SIDE-

1-648-548-22 (LOT No. 403 -)

DVW-A510(J)	; SWC-17B	MCB
DVW-A510(UC)	; SWC-17B	MCB
DVW-A510P(EK)	; SWC-17B	MCB
DVW-510(J)	; SWC-17B	MCB
DVW-510(UC)	; SWC-17B	MCB
DVW-510P(EK)	; SWC-17B	MCB
DVW-CA510(J)	; SWC-17B	MCB
DVW-CA510(UC)	; SWC-17B	MCB
DVW-CA510P(EK)	; SWC-17B	MCB



SWC-17B BOARD -B SIDE-

1-648-548-22 (LOT No. 403 -)

DVW-A510(J)	; SWC-17B	MCB
DVW-A510(UC)	; SWC-17B	MCB
DVW-A510P(EK)	; SWC-17B	MCB
DVW-510(J)	; SWC-17B	MCB
DVW-510(UC)	; SWC-17B	MCB
DVW-510P(EK)	; SWC-17B	MCB
DVW-CA510(J)	; SWC-17B	MCB
DVW-CA510(UC)	; SWC-17B	MCB
DVW-CA510P(EK)	; SWC-17B	MCB

SWC-17 ; Upper panel function (SWs, LEDs)

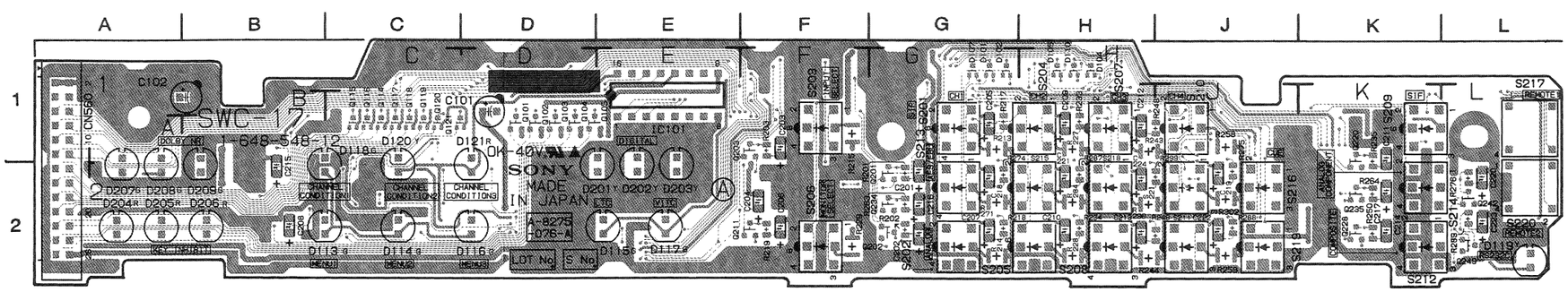
(Board's Lot No. 302 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

SWC-17(1-648-548-11/12)

CN560	A-1	Q120	C-1	✱Q253	J-1
		Q121	C-1	✱Q254	H-2
D101	G-1	Q201	G-2		
D102	G-1	Q202	F-2	✱RB101	D-1
✱D103	F-2	Q203	E-1	✱RB102	C-1
D104	H-1	✱Q204	E-1		
D105	H-1	✱Q205	G-1	S201	G-1
✱D106	K-1	✱Q206	G-2	S202	G-2
D107	G-1	✱Q207	F-2	S203	F-1
✱D108	K-1	✱Q208	E-2	S204	H-1
✱D109	J-1	✱Q209	G-1	S205	G-2
D110	H-1	✱Q210	G-2	S206	F-2
✱D111	J-1	Q211	E-2	S207	H-1
✱D112	L-1	✱Q212	E-2	S208	H-2
D113	B-2	✱Q213	G-1	S209	K-1
D114	C-2	✱Q214	G-2	S210	J-1
D115	E-2	✱Q215	F-2	S211	J-2
D116	C-2	✱Q216	E-2	S212	K-2
D117	E-2	✱Q217	B-2	S213	G-1
D118	C-1	✱Q218	H-1	S214	L-2
D119	L-2	✱Q219	H-2	S215	H-1
D120	C-1	Q220	K-1	S216	J-2
D121	C-1	✱Q221	H-1	S217	L-1
D201	D-2	✱Q222	H-2	S218	H-1
D202	E-2	✱Q223	K-2	S219	J-2
D203	E-2	✱Q224	B-2	S220	L-2
D204	A-2	✱Q225	B-2	S221	H-2
D205	A-2	✱Q226	H-1		
D206	B-2	✱Q227	J-2		
D207	A-2	Q228	K-2		
D208	A-2	✱Q229	B-2		
D209	B-2	✱Q230	H-1		
		Q231	H-2		
IC101	E-1	✱Q232	K-2		
		✱Q233	B-1		
Q101	D-1	Q234	G-2		
Q102	D-1	Q235	K-2		
Q103	D-1	✱Q236	B-2		
Q104	D-1	✱Q237	G-2		
Q105	E-1	✱Q238	K-2		
✱Q106	C-2	✱Q239	B-2		
✱Q107	C-2	✱Q240	G-2		
✱Q108	D-2	✱Q241	J-1		
✱Q109	E-2	Q242	L-2		
✱Q110	B-2	✱Q243	B-2		
✱Q111	C-2	✱Q244	G-2		
✱Q112	D-2	✱Q245	J-2		
✱Q113	D-2	✱Q246	L-2		
Q114	C-1	✱Q247	H-1		
Q115	C-1	✱Q248	J-2		
Q116	C-1	Q249	L-2		
Q117	C-1	✱Q250	H-2		
Q118	C-1	✱Q251	J-2		
Q119	C-1	✱Q252	L-2		

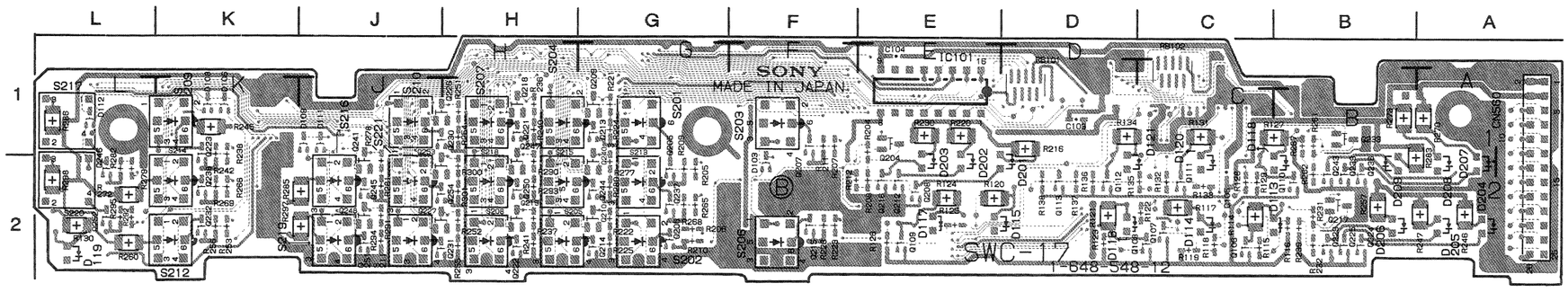
✱ : B SIDE

LOT NO. G-2



SWC-17 BOARD -A SIDE-

1-648-548-11,12 (LOT No. 302 - 402)
DVW-A500(J) ; SWC-17 MCB
DVW-A500(UC) ; SWC-17 MCB
DVW-A500P(EK) ; SWC-17 MCB
DVW-A500P(UC) ; SWC-17 MCB
DVW-500(J) ; SWC-17 MCB
DVW-500(UC) ; SWC-17 MCB
DVW-500P(EK) ; SWC-17 MCB

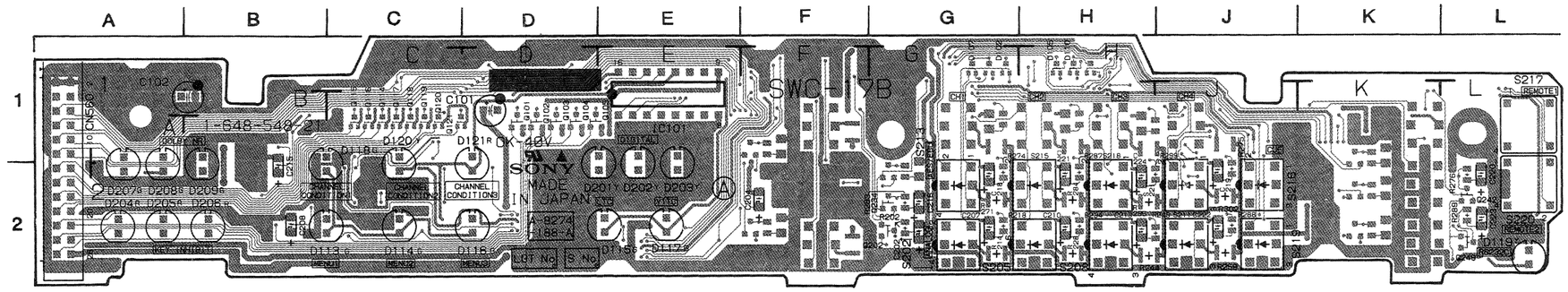


SWC-17 BOARD -B SIDE-

1-648-548-11,12 (LOT No. 302 - 402)
DVW-A500(J) ; SWC-17 MCB
DVW-A500(UC) ; SWC-17 MCB
DVW-A500P(EK) ; SWC-17 MCB
DVW-A500P(UC) ; SWC-17 MCB
DVW-500(J) ; SWC-17 MCB
DVW-500(UC) ; SWC-17 MCB
DVW-500P(EK) ; SWC-17 MCB

SWC-17B ; Upper panel function (SWs, LEDs)

(Board's Lot No. 307 through 402)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)



SWC-17B BOARD -A SIDE-

1-648-548-21 (LOT No. 307 - 402)

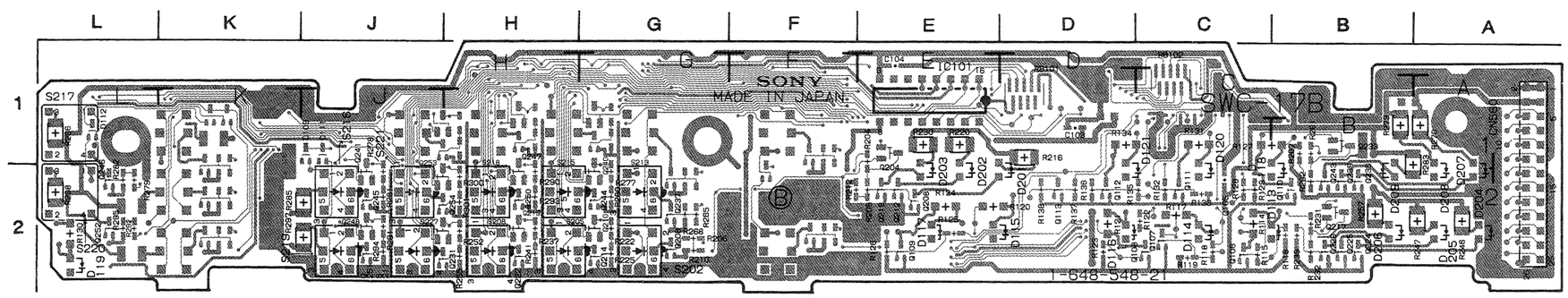
DVW-A510(J)	; SWC-17B	MCB
DVW-A510(UC)	; SWC-17B	MCB
DVW-A510P(EK)	; SWC-17B	MCB
DVW-510(J)	; SWC-17B	MCB
DVW-510(UC)	; SWC-17B	MCB
DVW-510P(EK)	; SWC-17B	MCB
DVW-CA510(UC)	; SWC-17B	MCB
DVW-CA510P(EK)	; SWC-17B	MCB

SWC-17B(1-648-548-21)

CN560	A-1	Q202	F-2
		✱Q204	E-1
D102	G-1	✱Q206	G-2
D105	H-1	✱Q208	E-2
D107	G-1	✱Q210	G-2
✱D109	J-1	✱Q212	E-2
D110	H-1	✱Q214	G-2
✱D111	J-1	✱Q216	E-2
✱D112	L-1	✱Q217	B-2
D113	B-2	✱Q219	H-2
D114	C-2	✱Q222	H-2
D115	E-2	✱Q224	B-2
D116	C-2	✱Q225	B-2
D117	E-2	✱Q227	J-2
D118	C-1	✱Q229	B-2
D119	L-2	Q231	H-2
D120	C-1	✱Q233	B-1
D121	C-1	Q234	G-2
D201	D-2	✱Q236	B-2
D202	E-2	✱Q237	G-2
D203	E-2	✱Q239	B-2
D204	A-2	✱Q240	G-2
D205	A-2	✱Q241	J-1
D206	B-2	Q242	L-2
D207	A-2	✱Q243	B-2
D208	A-2	✱Q244	G-2
D209	B-2	✱Q245	J-2
		✱Q246	L-2
IC101	E-1	✱Q247	H-1
		✱Q248	J-2
Q101	D-1	Q249	L-2
Q102	D-1	✱Q250	H-2
Q103	D-1	✱Q251	J-2
Q104	D-1	✱Q252	L-2
Q105	E-1	✱Q253	J-1
✱Q106	C-2	✱Q254	H-2
✱Q107	C-2		
✱Q108	D-2	✱RB101	D-1
✱Q109	E-2	✱RB102	C-1
✱Q110	B-2		
✱Q111	C-2	S202	G-2
✱Q112	D-2	S205	G-2
✱Q113	D-2	S208	H-2
Q114	C-1	S211	J-2
Q115	C-1	S213	G-1
Q116	C-1	S215	H-1
Q117	C-1	S216	J-2
Q118	C-1	S217	L-1
Q119	C-1	S218	H-1
Q120	C-1	S219	J-2
Q121	C-1	S220	L-2
		S221	H-2

✱: B SIDE

LOT NO. D-2



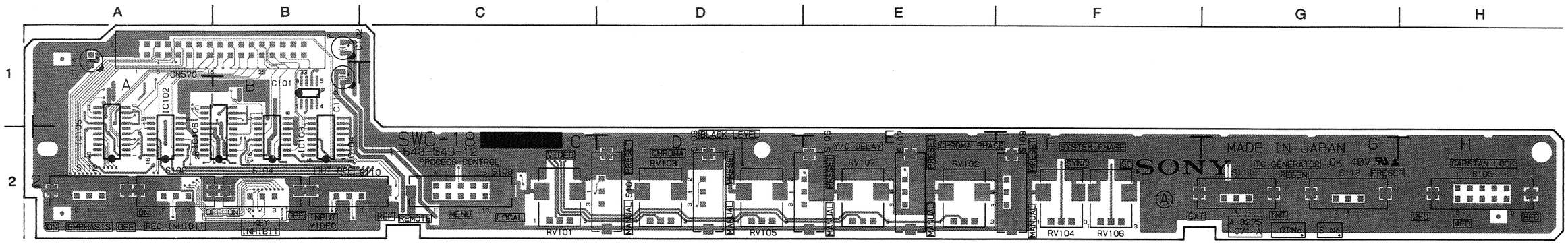
SWC-17B BOARD -B SIDE-

1-648-548-21 (LOT No. 307 - 402)

DVW-A510(J)	; SWC-17B	MCB
DVW-A510(UC)	; SWC-17B	MCB
DVW-A510P(EK)	; SWC-17B	MCB
DVW-510(J)	; SWC-17B	MCB
DVW-510(UC)	; SWC-17B	MCB
DVW-510P(EK)	; SWC-17B	MCB
DVW-CA510(UC)	; SWC-17B	MCB
DVW-CA510P(EK)	; SWC-17B	MCB

SWC-18 ; Sub control panel function

(Board's Lot No. 307 and higher)
All recorder models



SWC-18(1-648-549-12)

CN570	A-1	IC104	B-2	RV104	F-2	S109	F-2
		IC105	A-2	RV105	D-2	S110	C-2
✱D101	D-1	IC106	A-2	RV106	F-2	S111	G-2
✱D102	A-2			RV107	E-2	S112	A-2
✱D103	E-2	✱Q101	A-1			S113	G-2
✱D104	H-2	✱Q102	A-1	S101	D-2		
✱D105	F-2	✱Q103	A-1	S102	A-2		
✱D106	G-2			S103	D-2		
✱D107	A-2	✱RB101	A-2	S104	B-2		
				S105	H-2		
IC101	B-1	RV101	C-2	S106	E-2		
IC102	A-1	RV102	E-2	S107	E-2		
IC103	B-2	RV103	D-2	S108	C-2		

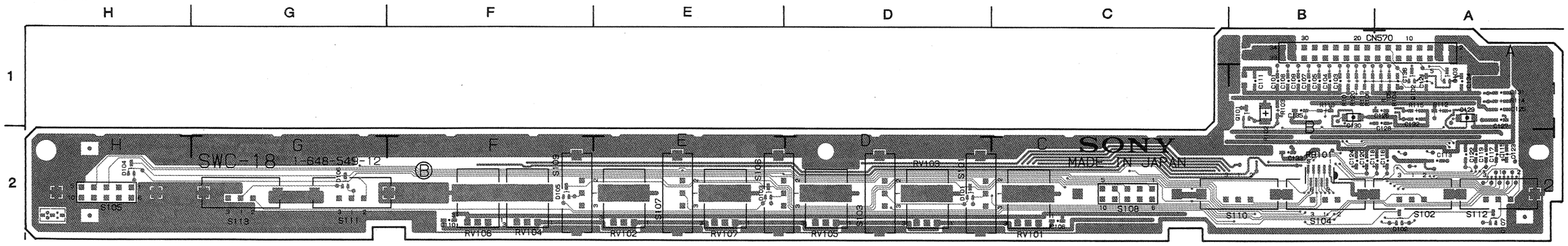
✱ : B SIDE

LOT NO. G-2

SWC-18 BOARD -A SIDE-

1-648-549-12 (LOT No. 307 -)

DVW-A500(J)	; SWC-18A	MCB
DVW-A500(UC)	; SWC-18A	MCB
DVW-A500P(EK)	; SWC-18A	MCB
DVW-A500P(UC)	; SWC-18A	MCB
DVW-500(J)	; SWC-18	MCB
DVW-500(UC)	; SWC-18	MCB
DVW-500P(EK)	; SWC-18	MCB
DVW-500P(UC)	; SWC-18	MCB



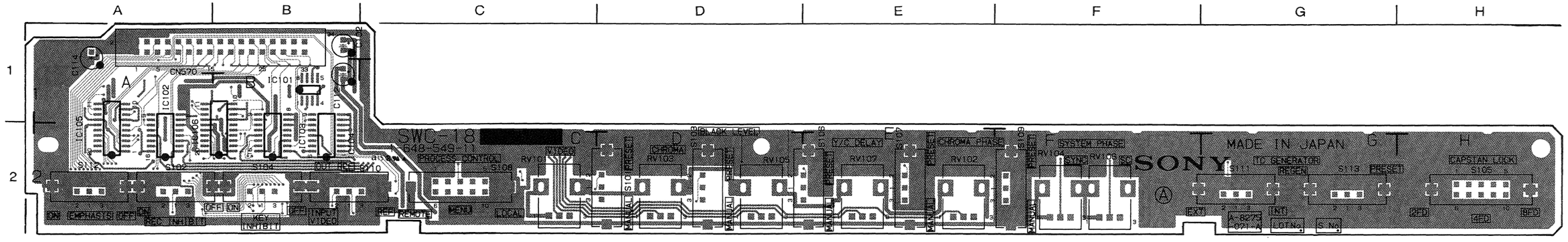
SWC-18 BOARD -B SIDE-

1-648-549-12 (LOT No. 307 -)

DVW-A500(J)	; SWC-18A	MCB
DVW-A500(UC)	; SWC-18A	MCB
DVW-A500P(EK)	; SWC-18A	MCB
DVW-A500P(UC)	; SWC-18A	MCB
DVW-500(J)	; SWC-18	MCB
DVW-500(UC)	; SWC-18	MCB
DVW-500P(EK)	; SWC-18	MCB
DVW-500P(UC)	; SWC-18	MCB

SWC-18 ; Sub control panel function

(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)



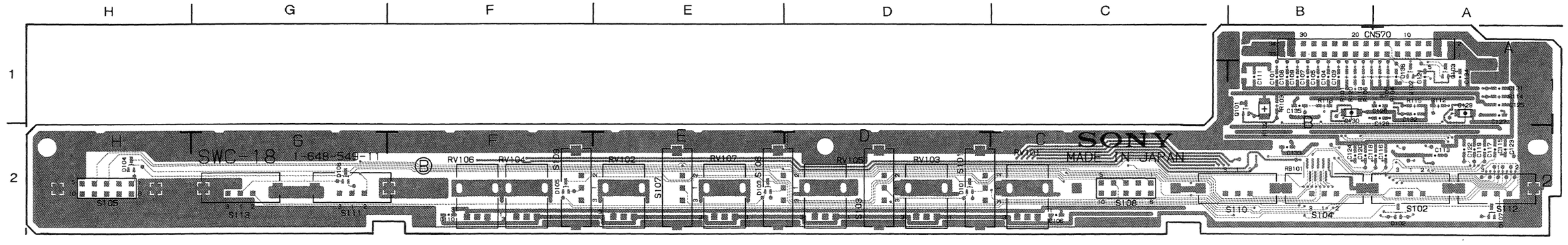
SWC-18(1-648-549-11)

CN570	A-1	IC104	B-2	RV104	F-2	S109	F-2
		IC105	A-2	RV105	D-2	S110	C-2
✱D101	D-1	IC106	A-2	RV106	F-2	S111	G-2
✱D102	A-2			RV107	E-2	S112	A-2
✱D103	E-2	✱Q101	A-1			S113	G-2
✱D104	H-2	✱Q102	A-1	S101	D-2		
✱D105	F-2	✱Q103	A-1	S102	A-2	✱ : B SIDE	
✱D106	G-2			S103	D-2		
✱D107	A-2	✱RB101	A-2	S104	B-2	LOT NO. G-2	
				S105	H-2		
IC101	B-1	RV101	C-2	S106	E-2		
IC102	A-1	RV102	E-2	S107	E-2		
IC103	B-2	RV103	D-2	S108	C-2		

SWC-18 BOARD -A SIDE-

1-648-549-11 (LOT No. 302 - 306)

DVW-A500(J)	; SWC-18A	MCB
DVW-A500(UC)	; SWC-18A	MCB
DVW-A500P(EK)	; SWC-18A	MCB
DVW-A500P(UC)	; SWC-18A	MCB
DVW-500(J)	; SWC-18	MCB
DVW-500(UC)	; SWC-18	MCB
DVW-500P(EK)	; SWC-18	MCB



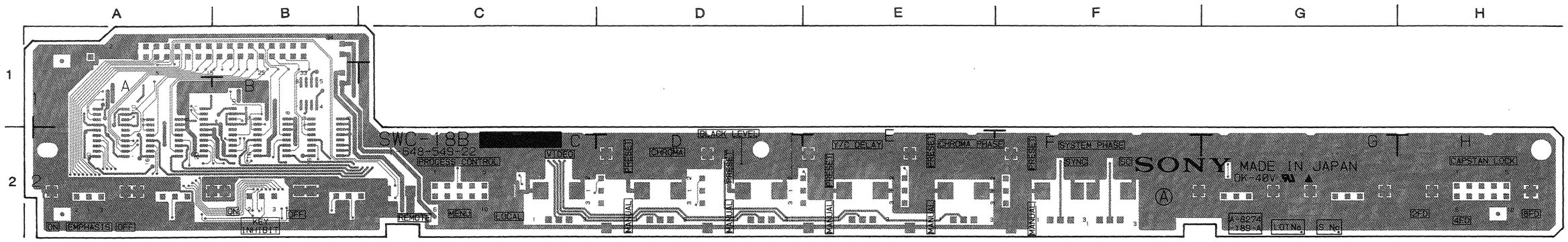
SWC-18 BOARD -B SIDE-

1-648-549-11 (LOT No. 302 - 306)

DVW-A500(J)	; SWC-18A	MCB
DVW-A500(UC)	; SWC-18A	MCB
DVW-A500P(EK)	; SWC-18A	MCB
DVW-A500P(UC)	; SWC-18A	MCB
DVW-500(J)	; SWC-18	MCB
DVW-500(UC)	; SWC-18	MCB
DVW-500P(EK)	; SWC-18	MCB

SWC-18B ; Sub control panel function

(Board's Lot No. 307 and higher)
All player models



SWC-18B BOARD -A SIDE-

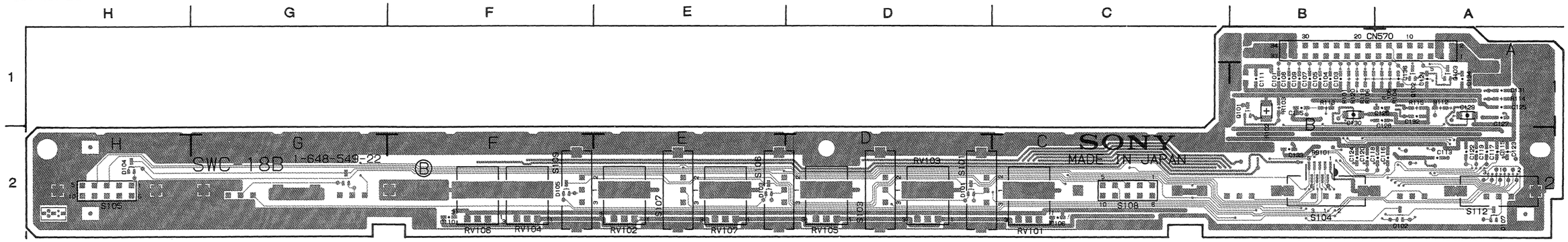
1-648-549-22 (LOT No. 307 -)
DVW-A510(J) ; SWC-18BA MCB
DVW-A510(UC) ; SWC-18BA MCB
DVW-A510P(EK) ; SWC-18BA MCB
DVW-510(J) ; SWC-18B MCB
DVW-510(UC) ; SWC-18B MCB
DVW-510P(EK) ; SWC-18B MCB
DVW-CA510(J) ; SWC-18BA MCB
DVW-CA510(UC) ; SWC-18BA MCB
DVW-CA510P(EK) ; SWC-18BA MCB

SWC-18B(1-648-549-22)

CN570	A-1	IC105	A-2	RV105	D-2
		IC106	A-2	RV106	F-2
✱D101	D-1			RV107	E-2
✱D102	A-2	✱Q101	A-1		
✱D103	E-2	✱Q102	A-1	S101	D-2
✱D104	H-2	✱Q103	A-1	S103	D-2
✱D105	F-2			S104	B-2
✱D107	A-2	✱RB101	A-2	S105	H-2
				S106	E-2
IC101	B-1	RV101	C-2	S107	E-2
IC102	A-1	RV102	E-2	S109	F-2
IC103	B-2	RV103	D-2	S112	A-2
IC104	B-2	RV104	F-2		

✱ : B SIDE

LOT NO. G-2



SWC-18B BOARD -B SIDE-

1-648-549-22 (LOT No. 307 -)
DVW-A510(J) ; SWC-18BA MCB
DVW-A510(UC) ; SWC-18BA MCB
DVW-A510P(EK) ; SWC-18BA MCB
DVW-510(J) ; SWC-18B MCB
DVW-510(UC) ; SWC-18B MCB
DVW-510P(EK) ; SWC-18B MCB
DVW-CA510(J) ; SWC-18BA MCB
DVW-CA510(UC) ; SWC-18BA MCB
DVW-CA510P(EK) ; SWC-18BA MCB

SWC-19 ; System setup panel function control

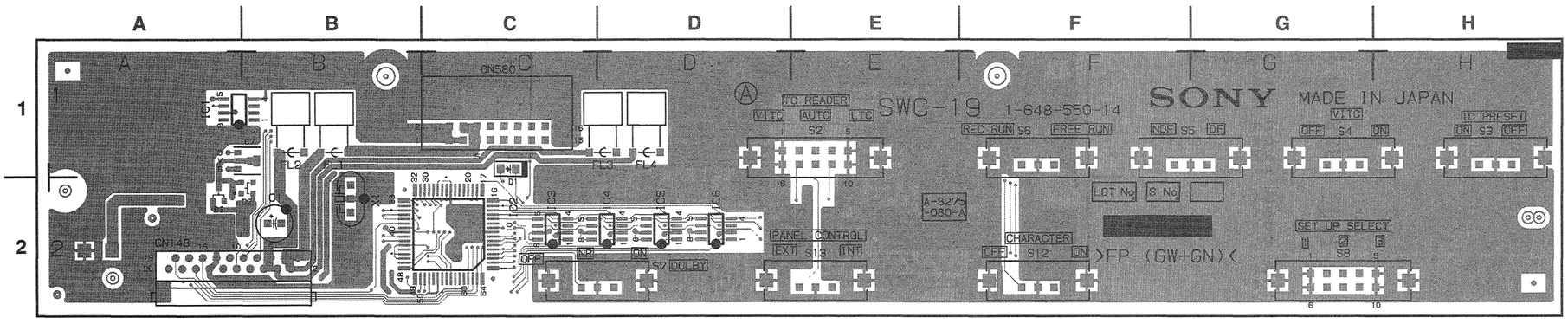
(Board's Lot No. 705 and higher)
All player models

SWC-19(1-648-550-14)

CN148	A-2
CN580	C-1
D1	C-1
D2	B-2
D3	A-2
D4	A-2
FL1	B-1
FL2	B-1
FL3	D-1
FL4	D-1
IC1	B-1
IC2	C-2
IC3	C-2
IC4	D-2
IC5	D-2
IC6	D-2
IC7	B-1
*RB1	C-2
S2	E-1
S3	H-1
S4	G-1
S6	F-1
S7	D-2
S8	G-2
S12	F-2
S13	E-2
X1	B-2

*: B SIDE

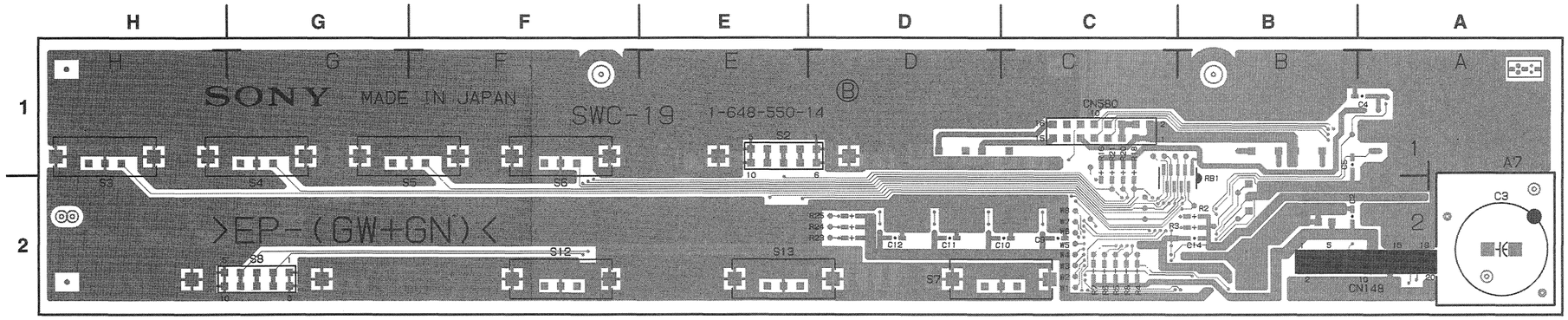
LOT NO. F-2



SWC-19 BOARD -A SIDE-

1-648-550-14 (LOT No. 705 -)

DVW-A500(J)	; SWC-19A	MCB
DVW-A500(UC)	; SWC-19A	MCB
DVW-A500P(EK)	; SWC-19AP	MCB
DVW-A500P(UC)	; SWC-19AP	MCB
DVW-500(J)	; SWC-19	MCB
DVW-500(UC)	; SWC-19	MCB
DVW-500P(EK)	; SWC-19P	MCB
DVW-500P(UC)	; SWC-19P	MCB



SWC-19 BOARD -B SIDE-

1-648-550-14 (LOT No. 705 -)

DVW-A500(J)	; SWC-19A	MCB
DVW-A500(UC)	; SWC-19A	MCB
DVW-A500P(EK)	; SWC-19AP	MCB
DVW-A500P(UC)	; SWC-19AP	MCB
DVW-500(J)	; SWC-19	MCB
DVW-500(UC)	; SWC-19	MCB
DVW-500P(EK)	; SWC-19P	MCB
DVW-500P(UC)	; SWC-19P	MCB

SWC-19 ; System setup panel function control

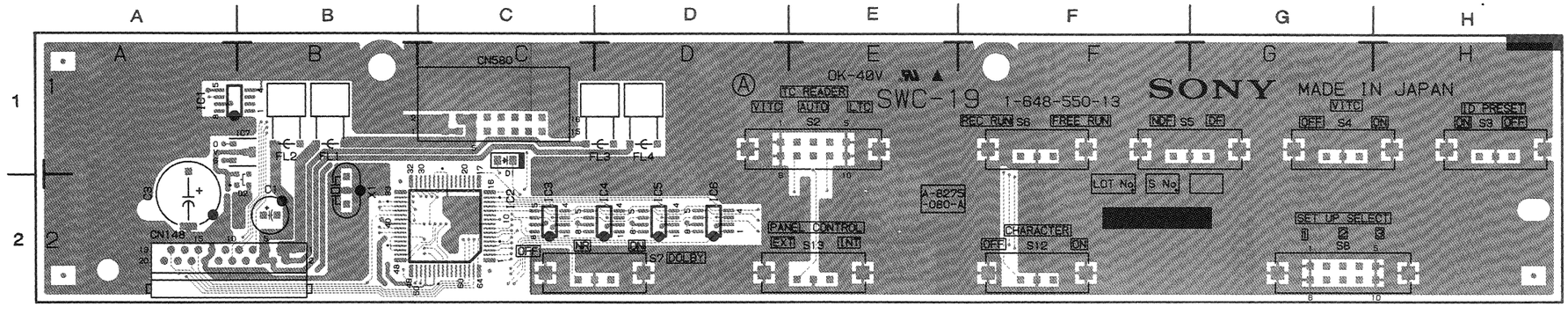
(Board's Lot No. 403 through 704)
All player models

SWC-19(1-648-550-13)

CN148	A-2
CN580	C-1
D1	C-2
D2	B-2
FL1	B-1
FL2	B-1
FL3	D-1
FL4	D-1
IC1	A-1
IC2	C-2
IC3	C-2
IC4	D-2
IC5	D-2
IC6	D-2
IC7	B-1
✱RB1	B-1
S2	E-1
S3	H-1
S4	G-1
S5	F-1
S6	F-1
S7	D-2
S8	G-2
S12	F-2
S13	E-2
X1	B-2

✱: B SIDE

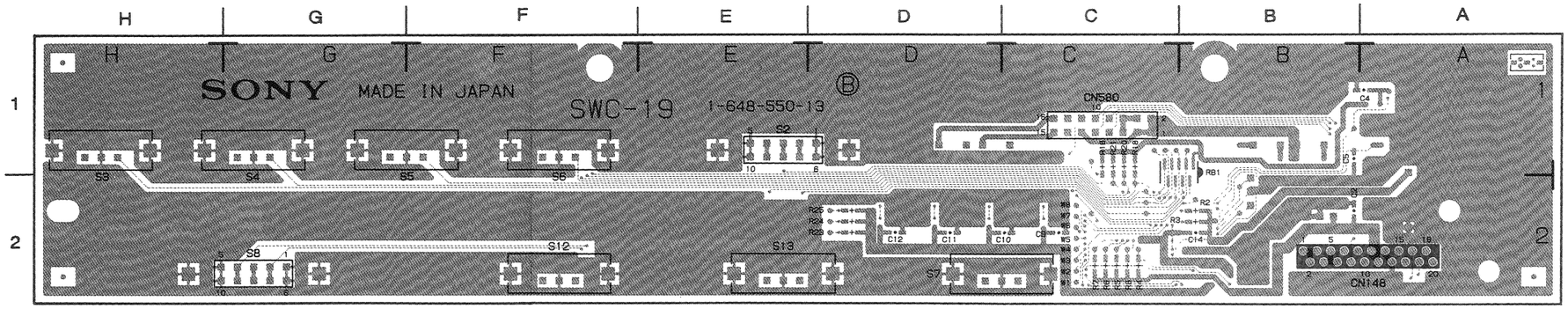
LOT NO. F-2



SWC-19 BOARD -A SIDE-

1-648-550-13 (LOT No. 403 - 704)

DVW-A500(J)	; SWC-19A	MCB
DVW-A500(UC)	; SWC-19A	MCB
DVW-A500P(EK)	; SWC-19AP	MCB
DVW-A500P(UC)	; SWC-19AP	MCB
DVW-500(J)	; SWC-19	MCB
DVW-500(UC)	; SWC-19	MCB
DVW-500P(EK)	; SWC-19P	MCB
DVW-500P(UC)	; SWC-19P	MCB



SWC-19 BOARD -B SIDE-

1-648-550-13 (LOT No. 403 - 704)

DVW-A500(J)	; SWC-19A	MCB
DVW-A500(UC)	; SWC-19A	MCB
DVW-A500P(EK)	; SWC-19AP	MCB
DVW-A500P(UC)	; SWC-19AP	MCB
DVW-500(J)	; SWC-19	MCB
DVW-500(UC)	; SWC-19	MCB
DVW-500P(EK)	; SWC-19P	MCB
DVW-500P(UC)	; SWC-19P	MCB

SWC-19B ; System setup panel function control

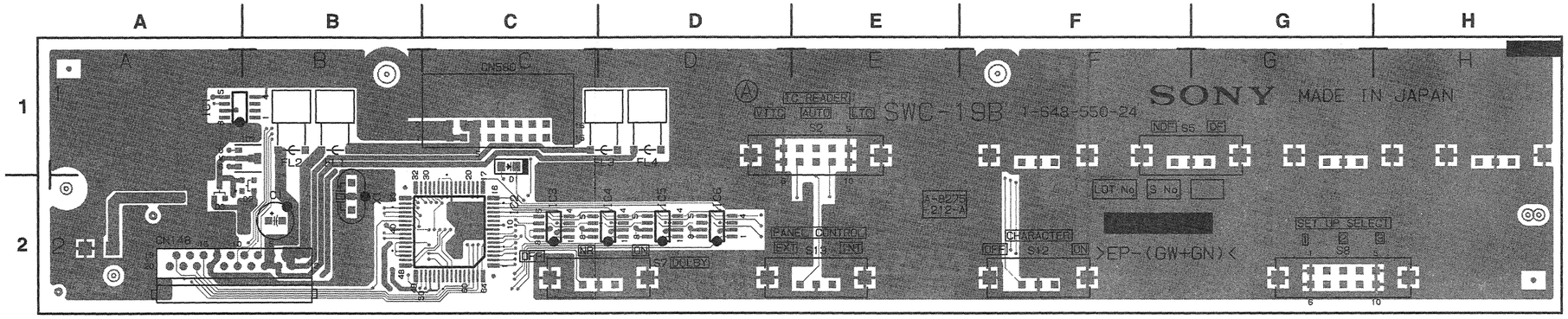
(Board's Lot No. 705 and higher)
All player models

SWC-19B(1-648-550-24)

CN148	A-2
CN580	C-1
D1	C-1
D2	B-2
D3	A-2
D4	A-2
FL1	B-1
FL2	B-1
FL3	D-1
FL4	D-1
IC1	B-1
IC2	C-2
IC3	C-2
IC4	D-2
IC5	D-2
IC6	D-2
IC7	B-1
*RB1	C-2
S2	E-1
S5	G-1
S8	G-2
S12	F-2
S13	E-2
X1	B-2

*: B SIDE

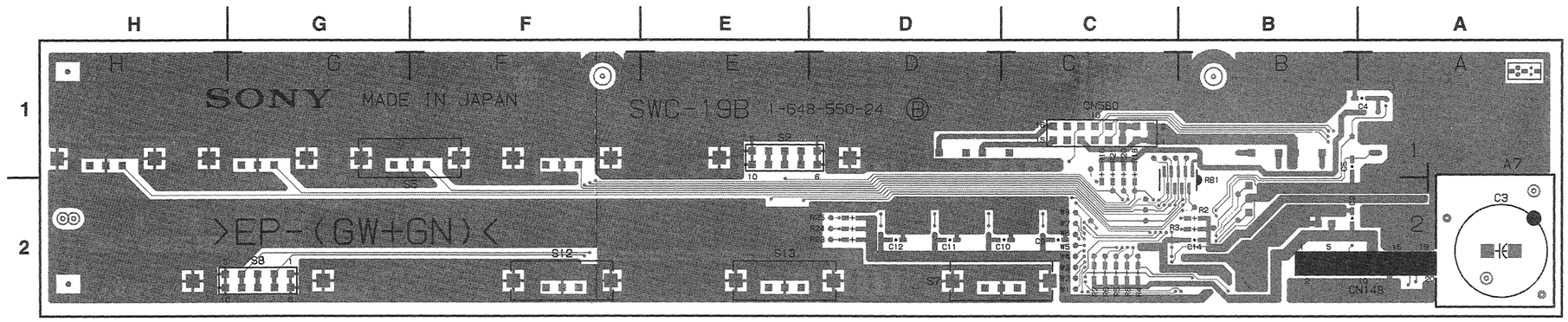
LOT NO. F-2



SWC-19B BOARD -A SIDE-

1-648-550-24 (LOT No. 705 -)

DVW-A510(J)	; SWC-19BA	MCB
DVW-A510(UC)	; SWC-19BA	MCB
DVW-A510P(EK)	; SWC-19BAP	MCB
DVW-510(J)	; SWC-19B	MCB
DVW-510(UC)	; SWC-19B	MCB
DVW-510P(EK)	; SWC-19BP	MCB
DVW-CA510(J)	; SWC-19BA	MCB
DVW-CA510(UC)	; SWC-19BA	MCB
DVW-CA510P(EK)	; SWC-19BAP	MCB



SWC-19B BOARD -B SIDE-

1-648-550-24 (LOT No. 705 -)

DVW-A510(J)	; SWC-19BA	MCB
DVW-A510(UC)	; SWC-19BA	MCB
DVW-A510P(EK)	; SWC-19BAP	MCB
DVW-510(J)	; SWC-19B	MCB
DVW-510(UC)	; SWC-19B	MCB
DVW-510P(EK)	; SWC-19BP	MCB
DVW-CA510(J)	; SWC-19BA	MCB
DVW-CA510(UC)	; SWC-19BA	MCB
DVW-CA510P(EK)	; SWC-19BAP	MCB

SWC-19 ; System setup panel function control

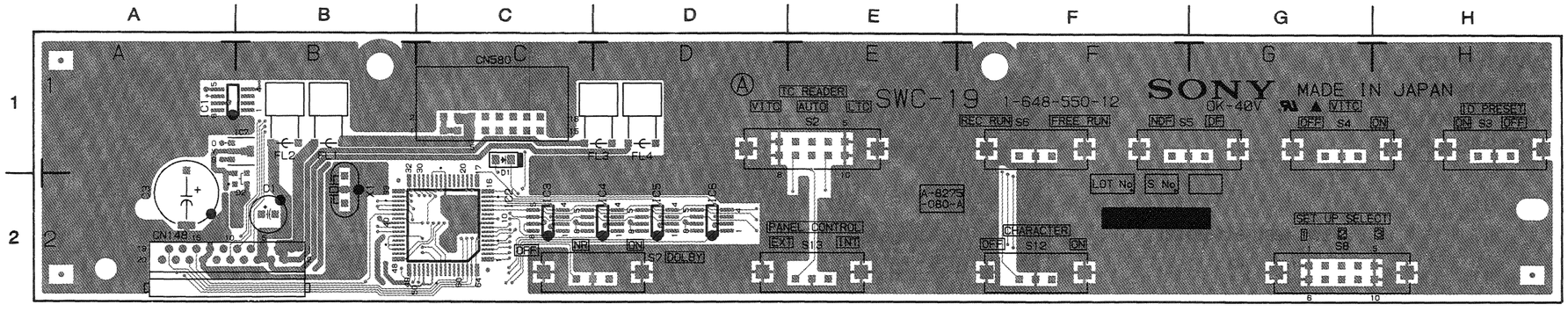
(Board's Lot No. 307 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

SWC-19(1-648-550-12)

CN148	A-2
CN580	C-1
D1	C-2
D2	B-2
FL1	B-1
FL2	B-1
FL3	D-1
FL4	D-1
IC1	A-1
IC2	C-2
IC3	C-2
IC4	D-2
IC5	D-2
IC6	D-2
IC7	B-1
✱RB1	B-1
S2	E-1
S3	H-1
S4	G-1
S5	F-1
S6	F-1
S7	D-2
S8	G-2
S12	F-2
S13	E-2
X1	B-2

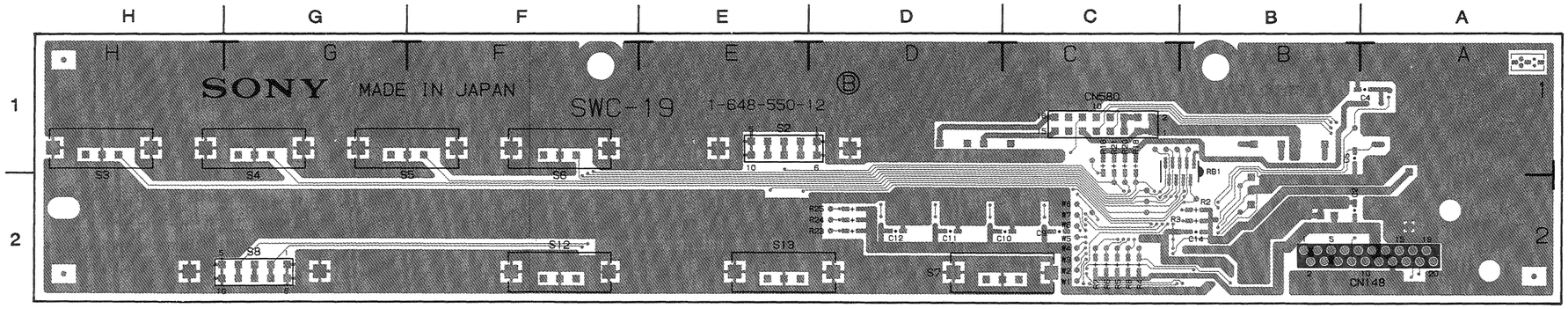
✱ : B SIDE

LOT NO. F-2



SWC-19 BOARD -A SIDE-
1-648-550-12 (LOT No. 307 - 402)

DVW-A500(J)	; SWC-19A MCB
DVW-A500(UC)	; SWC-19A MCB
DVW-A500P(EK)	; SWC-19AP MCB
DVW-500(J)	; SWC-19 MCB
DVW-500(UC)	; SWC-19 MCB
DVW-500P(EK)	; SWC-19P MCB



SWC-19 BOARD -B SIDE-
1-648-550-12 (LOT No. 307 -402)

DVW-A500(J)	; SWC-19A MCB
DVW-A500(UC)	; SWC-19A MCB
DVW-A500P(EK)	; SWC-19AP MCB
DVW-500(J)	; SWC-19 MCB
DVW-500(UC)	; SWC-19 MCB
DVW-500P(EK)	; SWC-19P MCB

SWC-19B ; System setup panel function control

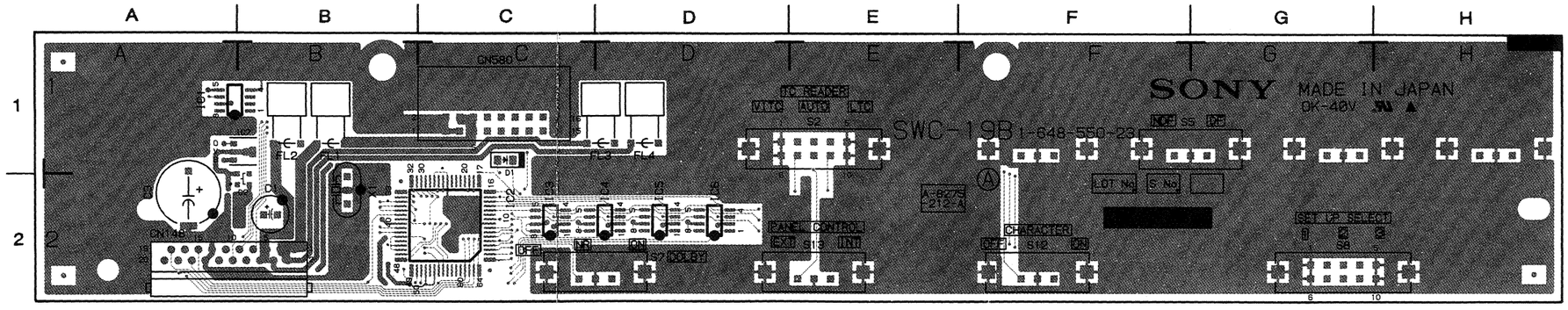
(Board's Lot No. 403 through 704)
All player models

SWC-19B(1-648-550-23)

CN148	A-2
CN580	C-1
D1	C-2
D2	A-2
FL1	B-1
FL2	B-1
FL3	D-1
FL4	D-1
IC1	B-1
IC2	C-2
IC3	C-2
IC4	D-2
IC5	D-2
IC6	D-2
IC7	A-1
✱RB1	B-1
S2	E-1
S5	F-1
S7	D-2
S8	G-2
S12	F-2
S13	E-2
X1	B-2

✱: B SIDE

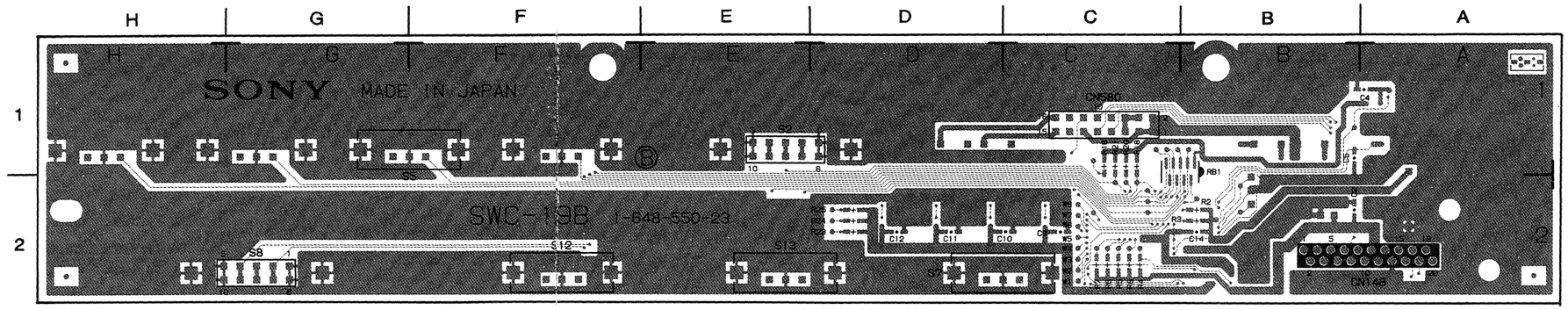
LOT NO. F-2



SWC-19B BOARD -A SIDE-

1-648-550-23 (LOT No. 403 - 704)

DVW-A510(J)	; SWC-19BA	MCB
DVW-A510(UC)	; SWC-19BA	MCB
DVW-A510P(EK)	; SWC-19BAP	MCB
DVW-510(J)	; SWC-19B	MCB
DVW-510(UC)	; SWC-19B	MCB
DVW-510P(EK)	; SWC-19BP	MCB
DVW-CA510(J)	; SWC-19BA	MCB
DVW-CA510(UC)	; SWC-19BA	MCB
DVW-CA510P(EK)	; SWC-19BAP	MCB



SWC-19B BOARD -B SIDE-

1-648-550-23 (LOT No. 403 - 704)

DVW-A510(J)	; SWC-19BA	MCB
DVW-A510(UC)	; SWC-19BA	MCB
DVW-A510P(EK)	; SWC-19BAP	MCB
DVW-510(J)	; SWC-19B	MCB
DVW-510(UC)	; SWC-19B	MCB
DVW-510P(EK)	; SWC-19BP	MCB
DVW-CA510(J)	; SWC-19BA	MCB
DVW-CA510(UC)	; SWC-19BA	MCB
DVW-CA510P(EK)	; SWC-19BAP	MCB

SWC-19 ; System setup panel function control

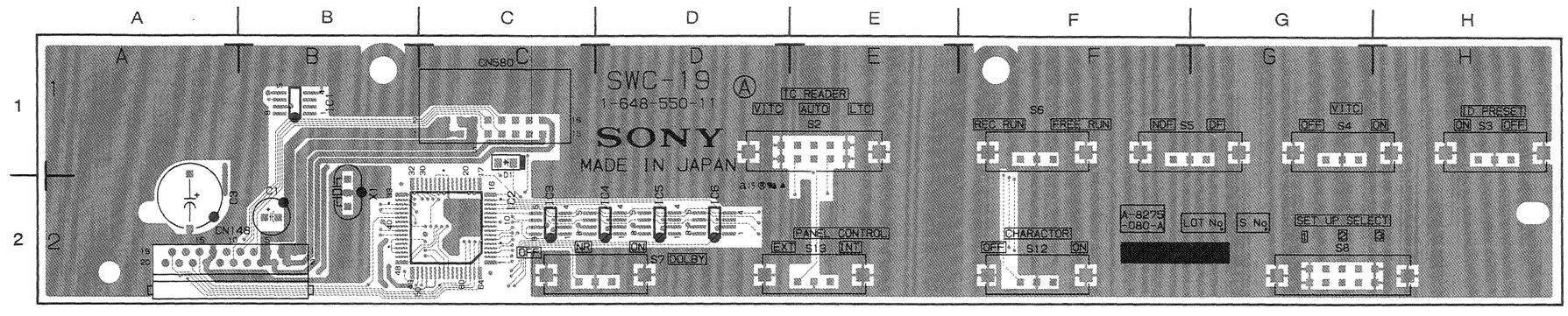
(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

SWC-19(1-648-550-11)

CN148	A-2
CN580	C-1
D1	C-2
✱D2	A-2
IC1	B-1
IC2	C-2
IC3	C-2
IC4	D-2
IC5	D-2
IC6	D-2
✱IC7	B-1
✱RB1	B-1
S2	E-1
S3	H-1
S4	G-1
S5	F-1
S6	F-1
S7	D-2
S8	G-2
S12	F-2
S13	E-2
X1	B-2

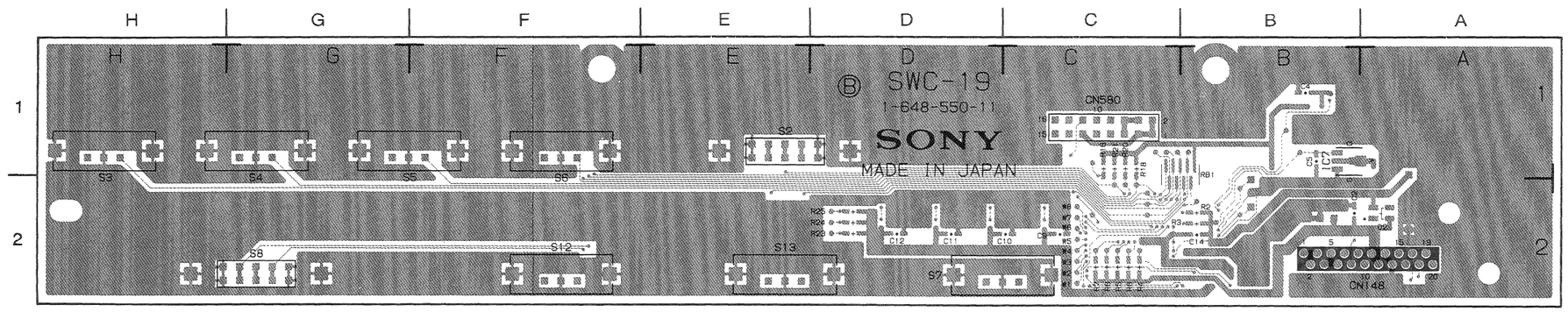
✱ : B SIDE

LOT NO. G-2



SWC-19 BOARD -A SIDE-

1-648-550-11 (LOT No. 302 - 306)
DVW-A500(J) ; SWC-19A MCB
DVW-A500(UC) ; SWC-19A MCB
DVW-A500P(EK) ; SWC-19AP MCB
DVW-A500P(UC) ; SWC-19AP MCB
DVW-500(J) ; SWC-19 MCB
DVW-500(UC) ; SWC-19 MCB
DVW-500P(EK) ; SWC-19P MCB



SWC-19 BOARD -B SIDE-

1-648-550-11 (LOT No. 302 - 306)
DVW-A500(J) ; SWC-19A MCB
DVW-A500(UC) ; SWC-19A MCB
DVW-A500P(EK) ; SWC-19AP MCB
DVW-A500P(UC) ; SWC-19AP MCB
DVW-500(J) ; SWC-19 MCB
DVW-500(UC) ; SWC-19 MCB
DVW-500P(EK) ; SWC-19P MCB

SWC-19B ; System setup panel function control

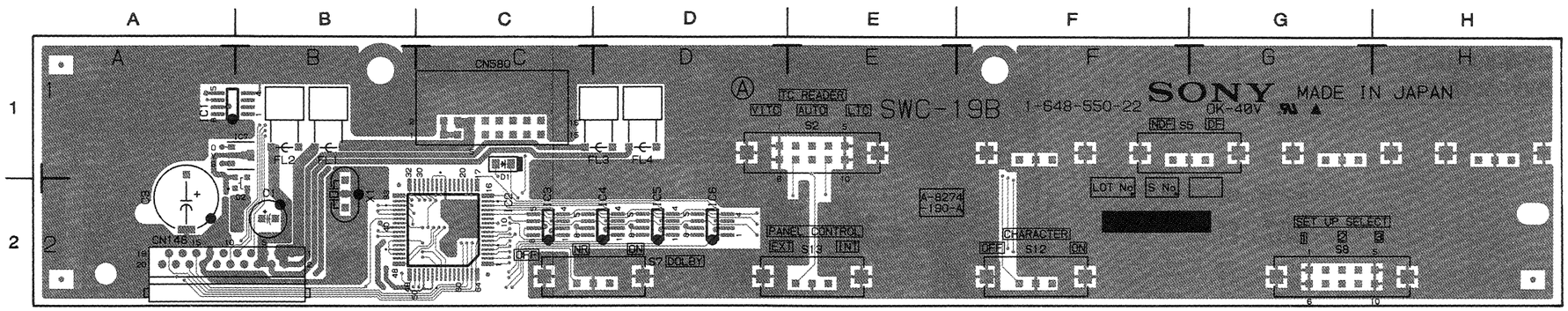
(Board's Lot No. 307 through 402)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

SWC-19B(1-648-550-22)

CN148	A-2
CN580	C-1
D1	C-2
D2	A-2
FL1	B-1
FL2	B-1
FL3	D-1
FL4	D-1
IC1	B-1
IC2	C-2
IC3	C-2
IC4	D-2
IC5	D-2
IC6	D-2
IC7	A-1
✱RB1	B-1
S2	E-1
S5	F-1
S7	D-2
S8	G-2
S12	F-2
S13	E-2
X1	B-2

✱: B SIDE

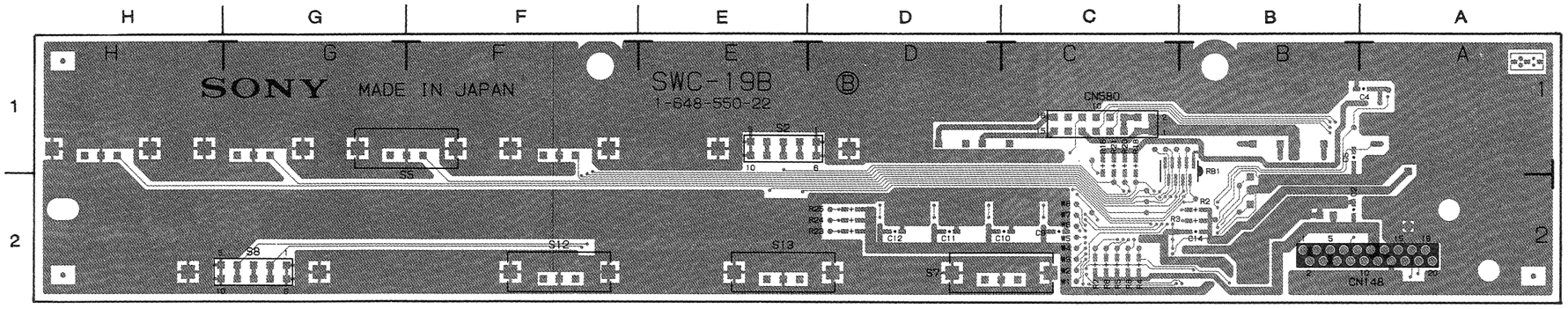
LOT NO. F-2



SWC-19B BOARD -A SIDE-

1-648-550-22 (LOT No. 307 - 402)

DVW-A510(J)	; SWC-19BA	MCB
DVW-A510(UC)	; SWC-19BA	MCB
DVW-A510P(EK)	; SWC-19BAP	MCB
DVW-510(J)	; SWC-19B	MCB
DVW-510(UC)	; SWC-19B	MCB
DVW-510P(EK)	; SWC-19BP	MCB
DVW-CA510(UC)	; SWC-19BA	MCB
DVW-CA510P(EK)	; SWC-19BAP	MCB



SWC-19B BOARD -B SIDE-

1-648-550-22 (LOT No. 307 - 402)

DVW-A510(J)	; SWC-19BA	MCB
DVW-A510(UC)	; SWC-19BA	MCB
DVW-A510P(EK)	; SWC-19BAP	MCB
DVW-510(J)	; SWC-19B	MCB
DVW-510(UC)	; SWC-19B	MCB
DVW-510P(EK)	; SWC-19BP	MCB
DVW-CA510(UC)	; SWC-19BA	MCB
DVW-CA510P(EK)	; SWC-19BAP	MCB

KY-231 ; Lower panel function control

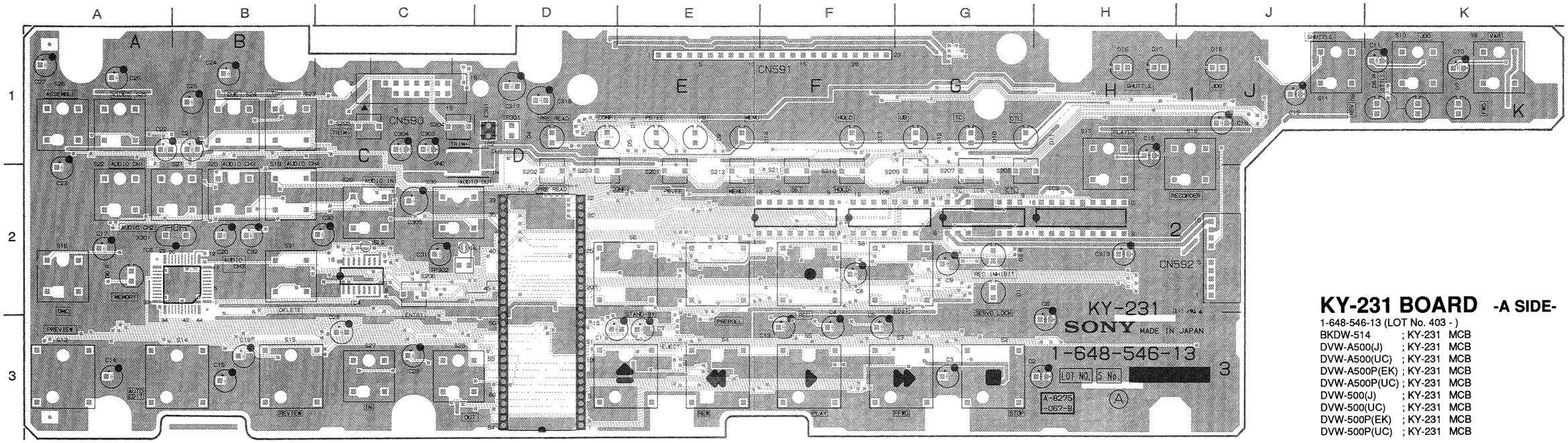
(Board's Lot No. 403 and higher)
All recorder models
BKDW-514

KY-231(1-648-546-13)

CN590	C-1	✱Q22	K-1	✱Q205	C-3
CN592	H-2	✱Q23	J-1	✱Q206	D-3
		✱Q24	J-1	✱Q301	H-2
D1	G-2	✱Q25	E-3	✱Q302	H-2
D2	E-1	✱Q26	F-2		
D3	G-2	✱Q27	A-3	S1	D-3
D4	D-1	✱Q28	A-3	S2	G-3
D5	E-1	✱Q29	B-3	S3	G-3
D6	A-2	✱Q30	A-3	S4	E-3
D7	K-1	✱Q31	B-3	S5	F-3
D8	K-1	✱Q32	B-3	S6	E-2
D9	K-1	✱Q33	A-2	S7	F-2
D10	G-1	✱Q34	A-2	S8	F-2
D11	H-1	✱Q35	H-2	S9	K-1
D12	G-1	✱Q36	H-1	S10	K-1
D13	F-1	✱Q37	J-1	S11	J-1
D14	E-1	✱Q38	H-1	S12	E-2
D15	E-1	✱Q39	B-1	S13	A-3
D16	H-1	✱Q40	B-2	S14	B-3
D17	H-1	✱Q41	B-1	S15	B-3
D18	J-1	✱Q42	B-2	S16	A-2
✱D201	G-3	✱Q43	A-1	S17	H-1
✱D202	F-3	✱Q44	A-2	S18	J-1
✱D203	F-3	✱Q45	A-2	S19	B-1
✱D204	D-2	✱Q46	A-2	S20	B-1
✱D205	F-2	✱Q47	B-1	S21	B-1
✱D206	K-1	✱Q48	B-1	S22	A-1
✱D207	K-1	✱Q49	A-1	S23	B-1
✱D208	D-2	✱Q50	B-1	S24	B-1
✱D209	A-3	✱Q51	A-1	S25	A-1
✱D210	A-3	✱Q52	A-1	S26	A-1
✱D211	C-1	✱Q53	A-1	S27	C-3
✱D212	H-1	✱Q54	A-1	S28	C-3
✱D213	B-2	✱Q55	C-3	S29	C-2
✱D214	A-2	✱Q56	C-3	S30	C-2
✱D215	B-1	✱Q57	C-3	S31	B-2
✱D216	A-1	✱Q58	C-3	S201	E-2
✱D217	C-3	✱Q59	C-2	S202	D-2
✱D218	C-2	✱Q60	C-2	S203	D-2
✱D219	B-2	✱Q61	C-2	S204	C-1
✱D220	G-2	✱Q62	C-2	S205	C-1
✱D221	F-2	✱Q63	B-2	S206	C-2
✱D222	F-1	✱Q64	B-2	S207	G-2
✱D301	H-2	✱Q65	E-3	S208	G-2
		✱Q66	E-3	S209	F-2
E301	D-1	✱Q67	E-3	S210	F-2
		✱Q68	E-3	S211	F-2
IC1	D-2	✱Q69	E-2	S212	E-2
IC3	H-2	✱Q70	E-2		
IC4	C-2	✱Q71	E-2	SL1	C-2
IC5	F-2	✱Q72	E-2	SL2	C-2
IC6	F-2	✱Q73	E-3		
IC8	A-2	✱Q74	E-3	TP301	D-1
IC9	G-2	✱Q75	E-3	TP302	C-2
		✱Q76	E-3		
✱Q1	D-3	✱Q78	E-2	X301	A-2
✱Q2	D-3	✱Q79	E-2		
✱Q3	G-3	✱Q80	E-2		
✱Q4	G-3	✱Q151	D-3		
✱Q5	G-3	✱Q152	D-3		
✱Q6	F-3	✱Q153	D-3		
✱Q7	F-3	✱Q154	D-3		
✱Q8	F-3	✱Q155	D-3		
✱Q9	F-3	✱Q156	D-3		
✱Q10	F-3	✱Q157	D-3		
✱Q11	G-2	✱Q158	E-1		
✱Q12	G-3	✱Q159	E-1		
✱Q13	E-3	✱Q160	E-1		
✱Q14	E-2	✱Q161	E-1		
✱Q15	F-2	✱Q162	E-1		
✱Q16	F-2	✱Q163	E-1		
✱Q17	G-2	✱Q164	F-1		
✱Q18	F-2	✱Q201	D-2		
✱Q19	K-1	✱Q202	D-2		
✱Q20	K-1	✱Q203	D-3		
✱Q21	K-1	✱Q204	D-3		

✱ : B SIDE

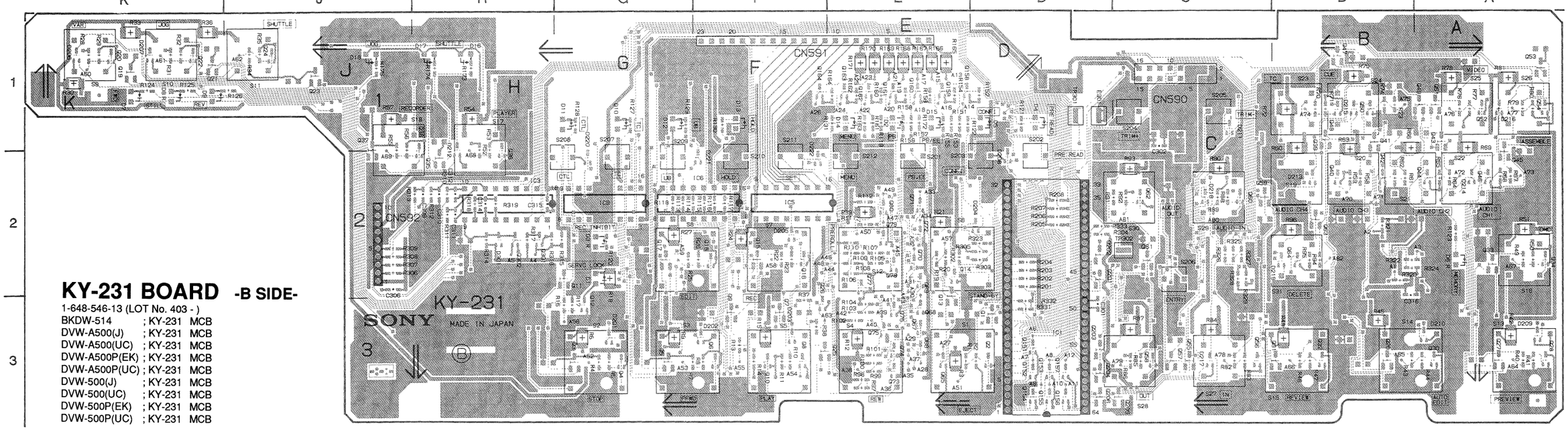
LOT NO. H-3



KY-231 BOARD -A SIDE-

1-648-546-13 (LOT No. 403 -)

BKDW-514	; KY-231	MCB
DVW-A500(J)	; KY-231	MCB
DVW-A500(UC)	; KY-231	MCB
DVW-A500P(EK)	; KY-231	MCB
DVW-A500P(UC)	; KY-231	MCB
DVW-500(J)	; KY-231	MCB
DVW-500(UC)	; KY-231	MCB
DVW-500P(EK)	; KY-231	MCB
DVW-500P(UC)	; KY-231	MCB



KY-231 BOARD -B SIDE-

1-648-546-13 (LOT No. 403 -)

BKDW-514	; KY-231	MCB
DVW-A500(J)	; KY-231	MCB
DVW-A500(UC)	; KY-231	MCB
DVW-A500P(EK)	; KY-231	MCB
DVW-A500P(UC)	; KY-231	MCB
DVW-500(J)	; KY-231	MCB
DVW-500(UC)	; KY-231	MCB
DVW-500P(EK)	; KY-231	MCB
DVW-500P(UC)	; KY-231	MCB

KY-231 ; Lower panel function control

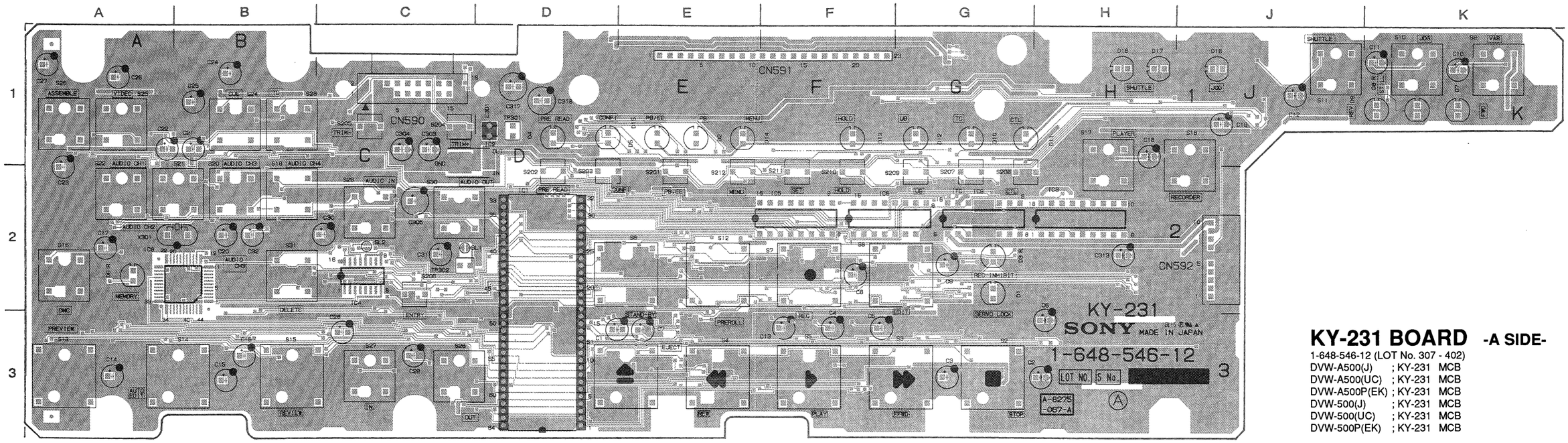
(Board's Lot No. 307 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

KY-231(1-648-546-12)

CN590	C-1	✱Q22	K-1	✱Q205	C-3
CN592	H-2	✱Q23	J-1	✱Q206	D-3
		✱Q24	J-1	✱Q301	H-2
D1	G-2	✱Q25	E-3	✱Q302	H-2
D2	E-1	✱Q26	F-2		
D3	G-2	✱Q27	A-3	S1	D-3
D4	D-1	✱Q28	A-3	S2	G-3
D5	E-1	✱Q29	B-3	S3	G-3
D6	A-2	✱Q30	A-3	S4	E-3
D7	K-1	✱Q31	B-3	S5	F-3
D8	K-1	✱Q32	B-3	S6	E-2
D9	K-1	✱Q33	A-2	S7	F-2
D10	G-1	✱Q34	A-2	S8	F-2
D11	H-1	✱Q35	H-2	S9	K-1
D12	G-1	✱Q36	H-1	S10	K-1
D13	F-1	✱Q37	J-1	S11	J-1
D14	E-1	✱Q38	H-1	S12	E-2
D15	E-1	✱Q39	B-1	S13	A-3
D16	H-1	✱Q40	B-2	S14	B-3
D17	H-1	✱Q41	B-1	S15	B-3
D18	J-1	✱Q42	B-2	S16	A-2
✱D201	G-3	✱Q43	A-1	S17	H-1
✱D202	F-3	✱Q44	A-2	S18	J-1
✱D203	F-3	✱Q45	A-2	S19	B-1
✱D204	D-2	✱Q46	A-2	S20	B-1
✱D205	F-2	✱Q47	B-1	S21	B-1
✱D206	K-1	✱Q48	B-1	S22	A-1
✱D207	K-1	✱Q49	A-1	S23	B-1
✱D208	D-2	✱Q50	B-1	S24	B-1
✱D209	A-3	✱Q51	A-1	S25	A-1
✱D210	A-3	✱Q52	A-1	S26	A-1
✱D211	C-1	✱Q53	A-1	S27	C-3
✱D212	H-1	✱Q54	A-1	S28	C-3
✱D213	B-2	✱Q55	C-3	S29	C-2
✱D214	A-2	✱Q56	C-3	S30	C-2
✱D215	B-1	✱Q57	C-3	S31	B-2
✱D216	A-1	✱Q58	C-3	S201	E-2
✱D217	C-3	✱Q59	C-2	S202	D-2
✱D218	C-2	✱Q60	C-2	S203	D-2
✱D219	B-2	✱Q61	C-2	S204	C-1
✱D220	G-2	✱Q62	C-2	S205	C-1
✱D221	F-2	✱Q63	B-2	S206	C-2
✱D222	F-1	✱Q64	B-2	S207	G-2
✱D301	H-2	✱Q65	E-3	S208	G-2
		✱Q66	E-3	S209	F-2
E301	D-1	✱Q67	E-3	S210	F-2
		✱Q68	E-3	S211	F-2
IC1	D-2	✱Q69	E-2	S212	E-2
IC3	H-2	✱Q70	E-2		
IC4	C-2	✱Q71	E-2	SL1	C-2
IC5	F-2	✱Q72	E-2	SL2	C-2
IC6	F-2	✱Q73	E-3		
IC8	A-2	✱Q74	E-3	TP301	D-1
IC9	G-2	✱Q75	E-3	TP302	C-2
		✱Q76	E-3		
✱Q1	D-3	✱Q78	E-2	X301	A-2
✱Q2	D-3	✱Q79	E-2		
✱Q3	G-3	✱Q80	E-2		
✱Q4	G-3	✱Q151	D-3		
✱Q5	G-3	✱Q152	D-3		
✱Q6	F-3	✱Q153	D-3		
✱Q7	F-3	✱Q154	D-3		
✱Q8	F-3	✱Q155	D-3		
✱Q9	F-3	✱Q156	D-3		
✱Q10	F-3	✱Q157	D-3		
✱Q11	G-2	✱Q158	E-1		
✱Q12	G-3	✱Q159	E-1		
✱Q13	E-3	✱Q160	E-1		
✱Q14	E-2	✱Q161	E-1		
✱Q15	F-2	✱Q162	E-1		
✱Q16	F-2	✱Q163	E-1		
✱Q17	G-2	✱Q164	F-1		
✱Q18	F-2	✱Q201	D-2		
✱Q19	K-1	✱Q202	D-2		
✱Q20	K-1	✱Q203	D-3		
✱Q21	K-1	✱Q204	D-3		

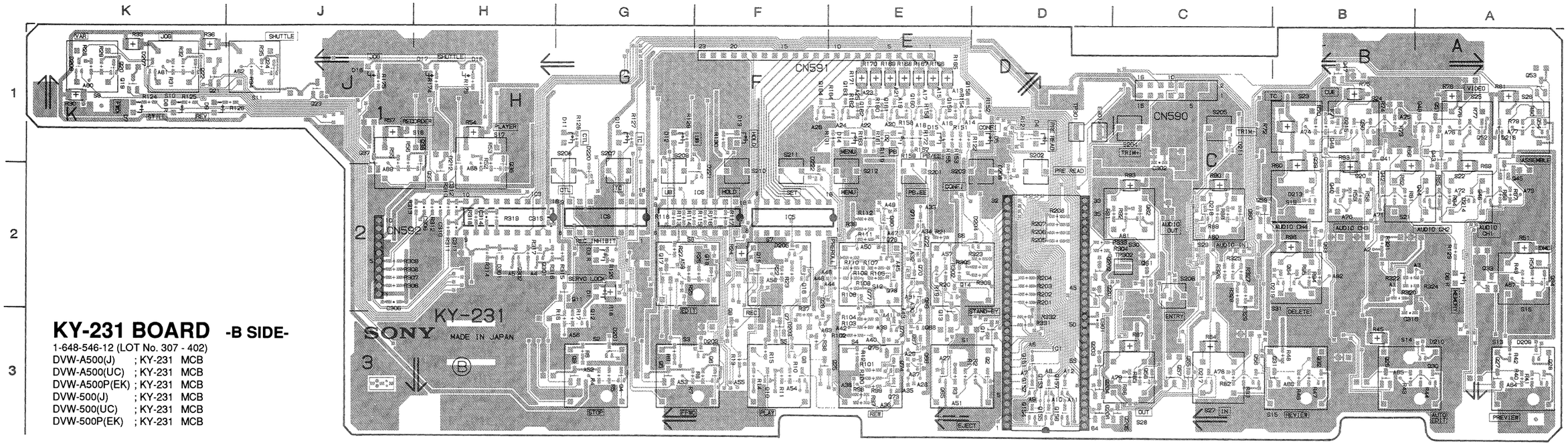
✱ : B SIDE

LOT NO. H-3



KY-231 BOARD **-A SIDE-**

1-648-546-12 (LOT No. 307 - 402)
DVW-A500(J) ; KY-231 MCB
DVW-A500(UC) ; KY-231 MCB
DVW-A500P(EK) ; KY-231 MCB
DVW-500(J) ; KY-231 MCB
DVW-500(UC) ; KY-231 MCB
DVW-500P(EK) ; KY-231 MCB



KY-231 BOARD **-B SIDE-**

1-648-546-12 (LOT No. 307 - 402)
DVW-A500(J) ; KY-231 MCB
DVW-A500(UC) ; KY-231 MCB
DVW-A500P(EK) ; KY-231 MCB
DVW-500(J) ; KY-231 MCB
DVW-500(UC) ; KY-231 MCB
DVW-500P(EK) ; KY-231 MCB

KY-231 ; Lower panel function control

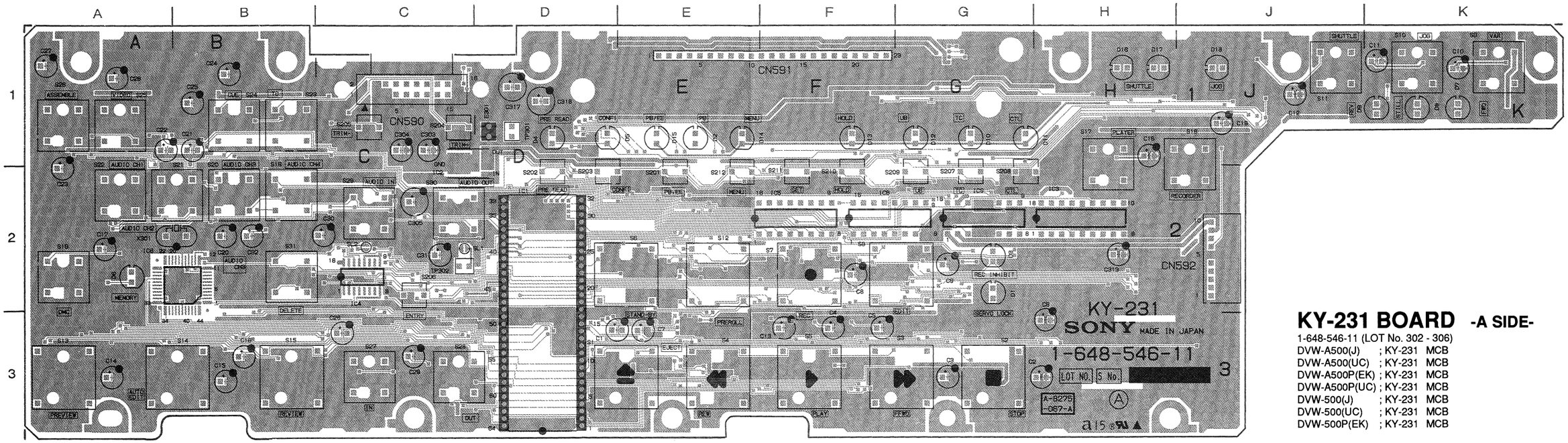
(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

KY-231(1-648-546-11)

CN590	C-1	✱Q22	K-1	✱Q205	C-3
CN592	H-2	✱Q23	J-1	✱Q206	D-3
		✱Q24	J-1	✱Q301	H-2
D1	G-2	✱Q25	E-3	✱Q302	H-2
D2	E-1	✱Q26	F-2		
D3	G-2	✱Q27	A-3	S1	D-3
D4	D-1	✱Q28	A-3	S2	G-3
D5	E-1	✱Q29	B-3	S3	G-3
D6	A-2	✱Q30	A-3	S4	E-3
D7	K-1	✱Q31	B-3	S5	F-3
D8	K-1	✱Q32	B-3	S6	E-2
D9	K-1	✱Q33	A-2	S7	F-2
D10	G-1	✱Q34	A-2	S8	F-2
D11	H-1	✱Q35	H-2	S9	K-1
D12	G-1	✱Q36	H-1	S10	K-1
D13	F-1	✱Q37	J-1	S11	J-1
D14	E-1	✱Q38	H-1	S12	E-2
D15	E-1	✱Q39	B-1	S13	A-3
D16	H-1	✱Q40	B-2	S14	B-3
D17	H-1	✱Q41	B-1	S15	B-3
D18	J-1	✱Q42	B-2	S16	A-2
✱D201	G-3	✱Q43	A-1	S17	H-1
✱D202	F-3	✱Q44	A-2	S18	J-1
✱D203	F-3	✱Q45	A-2	S19	B-1
✱D204	D-2	✱Q46	A-2	S20	B-1
✱D205	F-2	✱Q47	B-1	S21	B-1
✱D206	K-1	✱Q48	B-1	S22	A-1
✱D207	K-1	✱Q49	A-1	S23	B-1
✱D208	D-2	✱Q50	B-1	S24	B-1
✱D209	A-3	✱Q51	A-1	S25	A-1
✱D210	A-3	✱Q52	A-1	S26	A-1
✱D211	C-1	✱Q53	A-1	S27	C-3
✱D212	H-1	✱Q54	A-1	S28	C-3
✱D213	B-2	✱Q55	C-3	S29	C-2
✱D214	A-2	✱Q56	C-3	S30	C-2
✱D215	B-1	✱Q57	C-3	S31	B-2
✱D216	A-1	✱Q58	C-3	S201	E-2
✱D217	C-3	✱Q59	C-2	S202	D-2
✱D218	C-2	✱Q60	C-2	S203	D-2
✱D219	B-2	✱Q61	C-2	S204	C-1
✱D220	G-2	✱Q62	C-2	S205	C-1
✱D221	F-2	✱Q63	B-2	S206	C-2
✱D222	F-1	✱Q64	B-2	S207	G-2
✱D301	H-2	✱Q65	E-3	S208	G-2
		✱Q66	E-3	S209	F-2
E301	D-1	✱Q67	E-3	S210	F-2
		✱Q68	E-3	S211	F-2
IC1	D-2	✱Q69	E-2	S212	E-2
IC3	H-2	✱Q70	E-2		
IC4	C-2	✱Q71	E-2	SL1	C-2
IC5	F-2	✱Q72	E-2	SL2	C-2
IC6	F-2	✱Q73	E-3		
IC8	A-2	✱Q74	E-3	TP301	D-1
IC9	G-2	✱Q75	E-3	TP302	C-2
		✱Q76	E-3		
✱Q1	D-3	✱Q78	E-2	X301	A-2
✱Q2	D-3	✱Q79	E-2		
✱Q3	G-3	✱Q80	E-2		
✱Q4	G-3	✱Q151	D-3		
✱Q5	G-3	✱Q152	D-3		
✱Q6	F-3	✱Q153	D-3		
✱Q7	F-3	✱Q154	D-3		
✱Q8	F-3	✱Q155	D-3		
✱Q9	F-3	✱Q156	D-3		
✱Q10	F-3	✱Q157	D-3		
✱Q11	G-2	✱Q158	E-1		
✱Q12	G-3	✱Q159	E-1		
✱Q13	E-3	✱Q160	E-1		
✱Q14	E-2	✱Q161	E-1		
✱Q15	F-2	✱Q162	E-1		
✱Q16	F-2	✱Q163	E-1		
✱Q17	G-2	✱Q164	F-1		
✱Q18	F-2	✱Q201	D-2		
✱Q19	K-1	✱Q202	D-2		
✱Q20	K-1	✱Q203	D-3		
✱Q21	K-1	✱Q204	D-3		

✱ : B SIDE

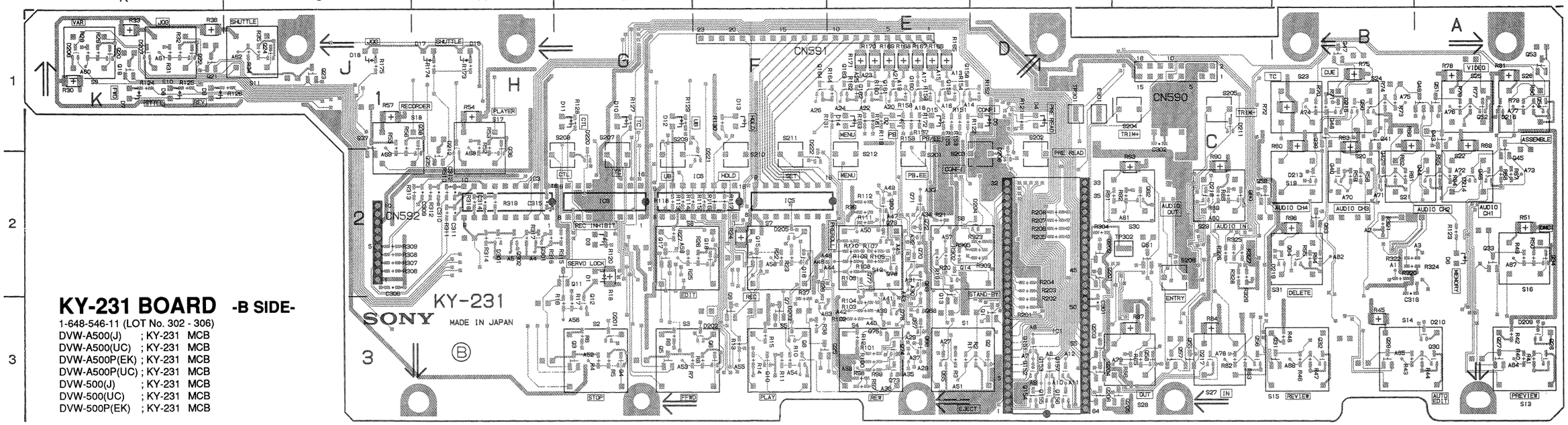
LOT NO. H-3



KY-231 BOARD -A SIDE-

1-648-546-11 (LOT No. 302 - 306)

DVW-A500(J)	; KY-231	MCB
DVW-A500(UC)	; KY-231	MCB
DVW-A500P(EK)	; KY-231	MCB
DVW-A500P(UC)	; KY-231	MCB
DVW-500(J)	; KY-231	MCB
DVW-500(UC)	; KY-231	MCB
DVW-500P(EK)	; KY-231	MCB



KY-231 BOARD -B SIDE-

1-648-546-11 (LOT No. 302 - 306)

DVW-A500(J)	; KY-231	MCB
DVW-A500(UC)	; KY-231	MCB
DVW-A500P(EK)	; KY-231	MCB
DVW-A500P(UC)	; KY-231	MCB
DVW-500(J)	; KY-231	MCB
DVW-500(UC)	; KY-231	MCB
DVW-500P(EK)	; KY-231	MCB

KY-231B ; Lower panel function control

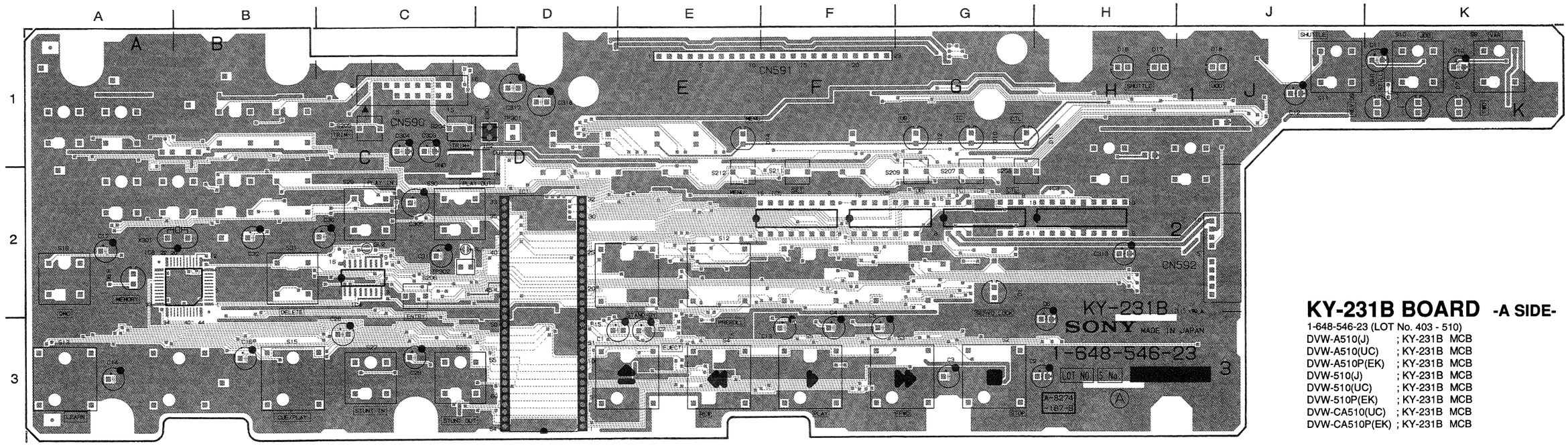
(Board's Lot No. 403 through 510)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

KY-231B(1-648-546-23)

CN590	C-1	✱Q61	C-2
CN592	H-2	✱Q62	C-2
		✱Q63	B-2
D1	G-2	✱Q64	B-2
D6	A-2	✱Q65	E-3
D7	K-1	✱Q66	E-3
D8	K-1	✱Q67	E-3
D9	K-1	✱Q68	E-3
D10	G-1	✱Q69	E-2
D11	H-1	✱Q70	E-2
D12	G-1	✱Q71	E-2
D14	E-1	✱Q72	E-2
D16	H-1	✱Q73	E-3
D17	H-1	✱Q74	E-3
D18	J-1	✱Q75	E-3
✱D201	G-3	✱Q76	E-3
✱D202	F-3	✱Q78	E-2
✱D203	F-3	✱Q79	E-2
✱D204	D-2	✱Q80	E-2
✱D206	K-1	✱Q151	D-3
✱D207	K-1	✱Q152	D-3
✱D209	A-3	✱Q153	D-3
✱D210	A-3	✱Q154	D-3
✱D211	C-1	✱Q155	D-3
✱D217	C-3	✱Q156	D-3
✱D218	C-2	✱Q157	D-3
✱D219	B-2	✱Q158	E-1
✱D220	G-2	✱Q159	E-1
✱D221	F-2	✱Q160	E-1
✱D222	F-1	✱Q161	E-1
✱D301	H-2	✱Q162	E-1
		✱Q163	E-1
E301	D-1	✱Q164	F-1
		✱Q201	D-2
IC1	D-2	✱Q202	D-2
IC3	H-2	✱Q203	D-3
IC4	C-2	✱Q204	D-3
IC5	F-2	✱Q205	C-3
IC6	F-2	✱Q206	D-3
IC8	A-2	✱Q301	H-2
IC9	G-2	✱Q302	H-2
✱Q1	D-3	S1	D-3
✱Q2	D-3	S2	G-3
✱Q3	G-3	S3	G-3
✱Q4	G-3	S4	E-3
✱Q5	G-3	S5	F-3
✱Q6	F-3	S6	E-2
✱Q7	F-3	S9	K-1
✱Q8	F-3	S10	K-1
✱Q9	F-3	S11	J-1
✱Q10	F-3	S12	E-2
✱Q11	G-2	S13	A-3
✱Q12	G-3	S15	B-3
✱Q13	E-3	S16	A-2
✱Q14	E-2	S27	C-3
✱Q19	K-1	S28	C-3
✱Q20	K-1	S29	C-2
✱Q21	K-1	S30	C-2
✱Q22	K-1	S31	B-2
✱Q23	J-1	S204	C-1
✱Q24	J-1	S205	C-1
✱Q25	E-3	S206	C-2
✱Q26	F-2	S207	G-2
✱Q27	A-3	S208	G-2
✱Q28	A-3	S209	F-2
✱Q31	B-3	S211	F-2
✱Q32	B-3	S212	E-2
✱Q33	A-2		
✱Q34	A-2	SL1	C-2
✱Q55	C-3	SL2	C-2
✱Q56	C-3		
✱Q57	C-3	TP301	D-1
✱Q58	C-3	TP302	C-2
✱Q59	C-2		
✱Q60	C-2	X301	A-2

✱ : B SIDE

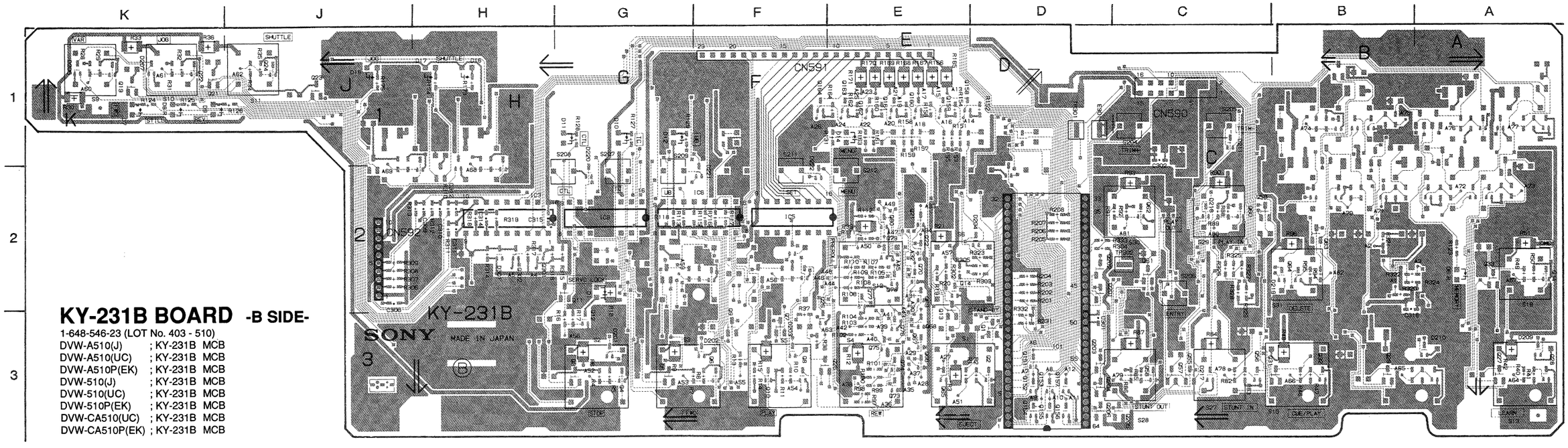
LOT NO. H-3



KY-231B BOARD -A SIDE-

1-648-546-23 (LOT No. 403 - 510)

DVW-A510(J)	; KY-231B MCB
DVW-A510(UC)	; KY-231B MCB
DVW-A510P(EK)	; KY-231B MCB
DVW-510(J)	; KY-231B MCB
DVW-510(UC)	; KY-231B MCB
DVW-510P(EK)	; KY-231B MCB
DVW-CA510(UC)	; KY-231B MCB
DVW-CA510P(EK)	; KY-231B MCB



KY-231B BOARD -B SIDE-

1-648-546-23 (LOT No. 403 - 510)

DVW-A510(J)	; KY-231B MCB
DVW-A510(UC)	; KY-231B MCB
DVW-A510P(EK)	; KY-231B MCB
DVW-510(J)	; KY-231B MCB
DVW-510(UC)	; KY-231B MCB
DVW-510P(EK)	; KY-231B MCB
DVW-CA510(UC)	; KY-231B MCB
DVW-CA510P(EK)	; KY-231B MCB

KY-231B ; Lower panel function control

(Board's Lot No. 307 through 402)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-510(J)
DVW-510(UC)
DVW-510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

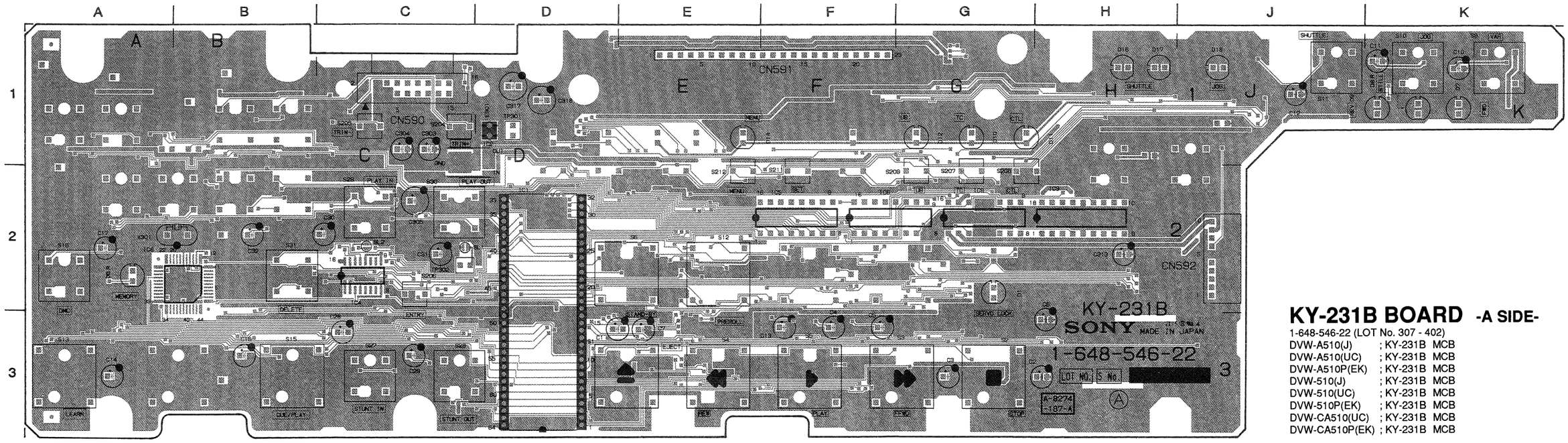
KY-231B(1-648-546-22)

CN590	C-1	✱Q61	C-2
CN592	H-2	✱Q62	C-2
		✱Q63	B-2
D1	G-2	✱Q64	B-2
D6	A-2	✱Q65	E-3
D7	K-1	✱Q66	E-3
D8	K-1	✱Q67	E-3
D9	K-1	✱Q68	E-3
D10	G-1	✱Q69	E-2
D11	H-1	✱Q70	E-2
D12	G-1	✱Q71	E-2
D14	E-1	✱Q72	E-2
D16	H-1	✱Q73	E-3
D17	H-1	✱Q74	E-3
D18	J-1	✱Q75	E-3
✱D201	G-3	✱Q76	E-3
✱D202	F-3	✱Q78	E-2
✱D203	F-3	✱Q79	E-2
✱D204	D-2	✱Q80	E-2
✱D206	K-1	✱Q151	D-3
✱D207	K-1	✱Q152	D-3
✱D209	A-3	✱Q153	D-3
✱D210	A-3	✱Q154	D-3
✱D211	C-1	✱Q155	D-3
✱D217	C-3	✱Q156	D-3
✱D218	C-2	✱Q157	D-3
✱D219	B-2	✱Q158	E-1
✱D220	G-2	✱Q159	E-1
✱D221	F-2	✱Q160	E-1
✱D222	F-1	✱Q161	E-1
✱D301	H-2	✱Q162	E-1
		✱Q163	E-1
E301	D-1	✱Q164	F-1
		✱Q201	D-2
IC1	D-2	✱Q202	D-2
IC3	H-2	✱Q203	D-3
IC4	C-2	✱Q204	D-3
IC5	F-2	✱Q205	C-3
IC6	F-2	✱Q206	D-3
IC8	A-2	✱Q301	H-2
IC9	G-2	✱Q302	H-2

✱Q1	D-3	S1	D-3
✱Q2	D-3	S2	G-3
✱Q3	G-3	S3	G-3
✱Q4	G-3	S4	E-3
✱Q5	G-3	S5	F-3
✱Q6	F-3	S6	E-2
✱Q7	F-3	S9	K-1
✱Q8	F-3	S10	K-1
✱Q9	F-3	S11	J-1
✱Q10	F-3	S12	E-2
✱Q11	G-2	S13	A-3
✱Q12	G-3	S15	B-3
✱Q13	E-3	S16	A-2
✱Q14	E-2	S27	C-3
✱Q19	K-1	S28	C-3
✱Q20	K-1	S29	C-2
✱Q21	K-1	S30	C-2
✱Q22	K-1	S31	B-2
✱Q23	J-1	S204	C-1
✱Q24	J-1	S205	C-1
✱Q25	E-3	S206	C-2
✱Q26	F-2	S207	G-2
✱Q27	A-3	S208	G-2
✱Q28	A-3	S209	F-2
✱Q31	B-3	S211	F-2
✱Q32	B-3	S212	E-2
✱Q33	A-2		
✱Q34	A-2	SL1	C-2
✱Q55	C-3	SL2	C-2
✱Q56	C-3		
✱Q57	C-3	TP301	D-1
✱Q58	C-3	TP302	C-2
✱Q59	C-2		
✱Q60	C-2	X301	A-2

✱ : B SIDE

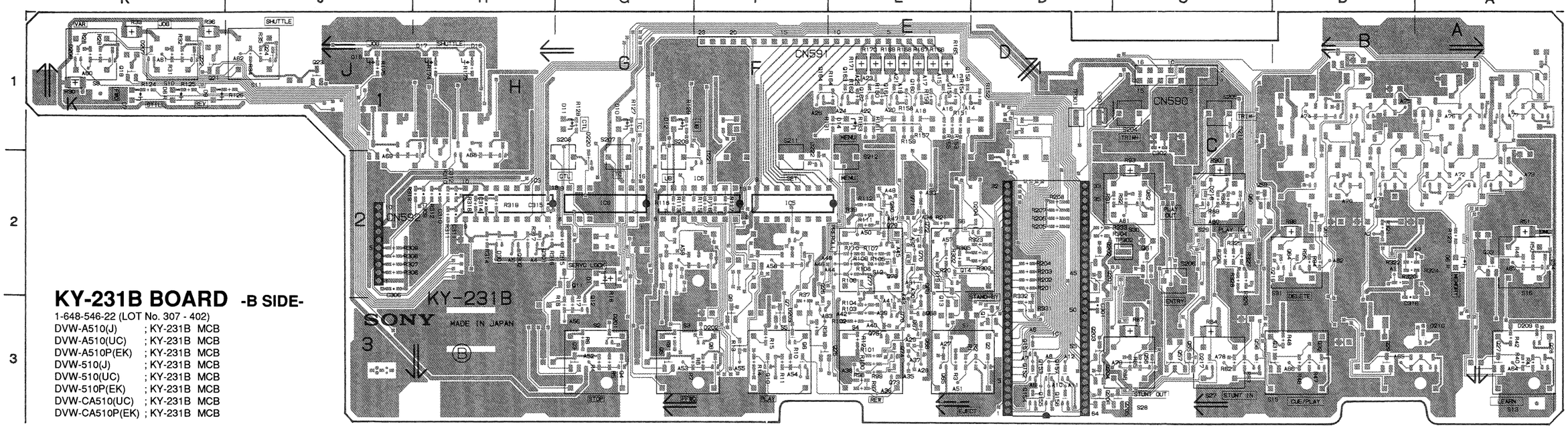
LOT NO. H-3



KY-231B BOARD -A SIDE-

1-648-546-22 (LOT No. 307 - 402)

DVW-A510(J)	; KY-231B MCB
DVW-A510(UC)	; KY-231B MCB
DVW-A510P(EK)	; KY-231B MCB
DVW-510(J)	; KY-231B MCB
DVW-510(UC)	; KY-231B MCB
DVW-510P(EK)	; KY-231B MCB
DVW-CA510(UC)	; KY-231B MCB
DVW-CA510P(EK)	; KY-231B MCB



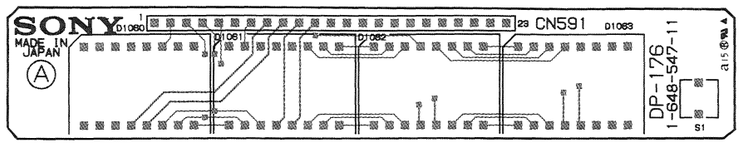
KY-231B BOARD -B SIDE-

1-648-546-22 (LOT No. 307 - 402)

DVW-A510(J)	; KY-231B MCB
DVW-A510(UC)	; KY-231B MCB
DVW-A510P(EK)	; KY-231B MCB
DVW-510(J)	; KY-231B MCB
DVW-510(UC)	; KY-231B MCB
DVW-510P(EK)	; KY-231B MCB
DVW-CA510(UC)	; KY-231B MCB
DVW-CA510P(EK)	; KY-231B MCB

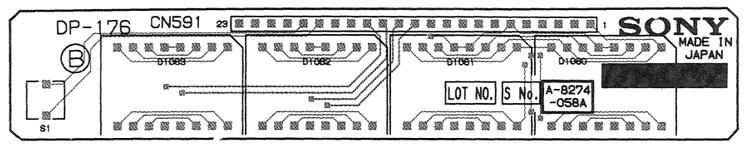
DP-176/176B ; Time counter dispaly

(Board's Lot No. 302 and higher)
All DVWs
BKDW-514
BKDW-515



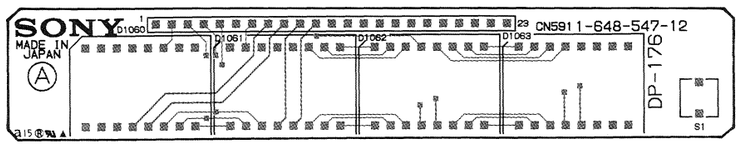
DP-176 BOARD -A SIDE-

1-648-547-11(LOT No. 302 - 306)
DVW-A500(J) ; DP-176 MCB
DVW-A500(UC) ; DP-176 MCB
DVW-A500P(EK) ; DP-176 MCB
DVW-A500P(UC) ; DP-176 MCB
DVW-500(J) ; DP-176 MCB
DVW-500(UC) ; DP-176 MCB
DVW-500P(EK) ; DP-176 MCB



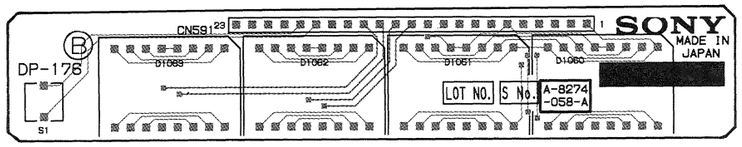
DP-176 BOARD -B SIDE-

1-648-547-11(LOT No. 302 - 306)
DVW-A500(J) ; DP-176 MCB
DVW-A500(UC) ; DP-176 MCB
DVW-A500P(EK) ; DP-176 MCB
DVW-A500P(UC) ; DP-176 MCB
DVW-500(J) ; DP-176 MCB
DVW-500(UC) ; DP-176 MCB
DVW-500P(EK) ; DP-176 MCB



DP-176/176B BOARD -A SIDE-

1-648-547-12/22 (LOT No. 307 -)
BKDW-514 ; DP-176 MCB
DVW-A500(J) ; DP-176 MCB
DVW-A500(UC) ; DP-176 MCB
DVW-A500P(EK) ; DP-176 MCB
DVW-A500P(UC) ; DP-176 MCB
DVW-500(J) ; DP-176 MCB
DVW-500(UC) ; DP-176 MCB
DVW-500P(EK) ; DP-176 MCB
DVW-500P(UC) ; DP-176 MCB
DVW-A510(J) ; DP-176B MCB
DVW-A510(UC) ; DP-176B MCB
DVW-A510P(EK) ; DP-176B MCB
DVW-510(J) ; DP-176B MCB
DVW-510(UC) ; DP-176B MCB
DVW-510P(EK) ; DP-176B MCB
DVW-CA510(J) ; DP-176B MCB
DVW-CA510(UC) ; DP-176B MCB
DVW-CA510P(EK) ; DP-176B MCB

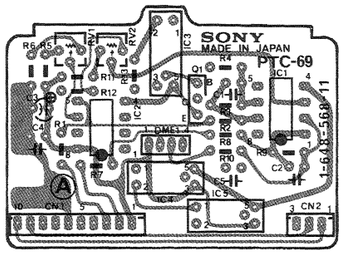


DP-176/176B BOARD -B SIDE-

1-648-547-12/22 (LOT No. 307 -)
BKDW-514 ; DP-176 MCB
DVW-A500(J) ; DP-176 MCB
DVW-A500(UC) ; DP-176 MCB
DVW-A500P(EK) ; DP-176 MCB
DVW-A500P(UC) ; DP-176 MCB
DVW-500(J) ; DP-176 MCB
DVW-500(UC) ; DP-176 MCB
DVW-500P(EK) ; DP-176 MCB
DVW-500P(UC) ; DP-176 MCB
DVW-A510(J) ; DP-176B MCB
DVW-A510(UC) ; DP-176B MCB
DVW-A510P(EK) ; DP-176B MCB
DVW-510(J) ; DP-176B MCB
DVW-510(UC) ; DP-176B MCB
DVW-510P(EK) ; DP-176B MCB
DVW-CA510(J) ; DP-176B MCB
DVW-CA510(UC) ; DP-176B MCB
DVW-CA510P(EK) ; DP-176B MCB

PTC-69 ; Search dial sensor, Dial solenoid connection

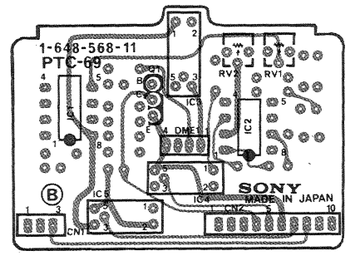
(Board's Lot No. 302 and higher)
All DVWs
BKDW-514
BKDW-515



PTC-69 BOARD -A SIDE-

1-648-568-11, 12

BKDW-514	; PTC-69	MCB
BKDW-515	; PTC-69	MCB
DVW-A500(J)	; PTC-69	MCB
DVW-A500(UC)	; PTC-69	MCB
DVW-A500P(EK)	; PTC-69	MCB
DVW-A500P(UC)	; PTC-69	MCB
DVW-500(J)	; PTC-69	MCB
DVW-500(UC)	; PTC-69	MCB
DVW-500P(EK)	; PTC-69	MCB
DVW-500P(UC)	; PTC-69	MCB
DVW-A510(J)	; PTC-69	MCB
DVW-A510(UC)	; PTC-69	MCB
DVW-A510P(EK)	; PTC-69	MCB
DVW-510(J)	; PTC-69	MCB
DVW-510(UC)	; PTC-69	MCB
DVW-510P(EK)	; PTC-69	MCB
DVW-CA510(J)	; PTC-69	MCB
DVW-CA510(UC)	; PTC-69	MCB
DVW-CA510P(EK)	; PTC-69	MCB



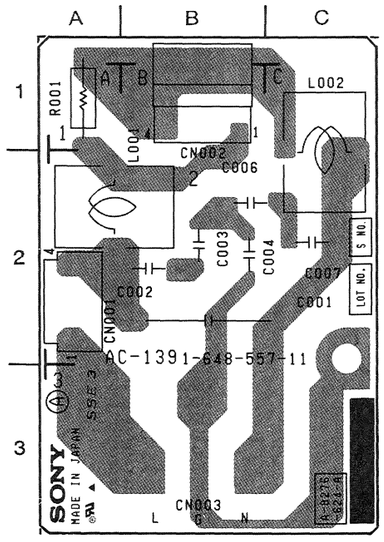
PTC-69 BOARD -B SIDE-

1-648-568-11, 12

BKDW-514	; PTC-69	MCB
BKDW-515	; PTC-69	MCB
DVW-A500(J)	; PTC-69	MCB
DVW-A500(UC)	; PTC-69	MCB
DVW-A500P(EK)	; PTC-69	MCB
DVW-A500P(UC)	; PTC-69	MCB
DVW-500(J)	; PTC-69	MCB
DVW-500(UC)	; PTC-69	MCB
DVW-500P(EK)	; PTC-69	MCB
DVW-500P(UC)	; PTC-69	MCB
DVW-A510(J)	; PTC-69	MCB
DVW-A510(UC)	; PTC-69	MCB
DVW-A510P(EK)	; PTC-69	MCB
DVW-510(J)	; PTC-69	MCB
DVW-510(UC)	; PTC-69	MCB
DVW-510P(EK)	; PTC-69	MCB
DVW-CA510(J)	; PTC-69	MCB
DVW-CA510(UC)	; PTC-69	MCB
DVW-CA510P(EK)	; PTC-69	MCB

AC-139/139B ; AC connector board with breaker for PAL models
AC-155/155B ; AC connector board with breaker for NTSC models

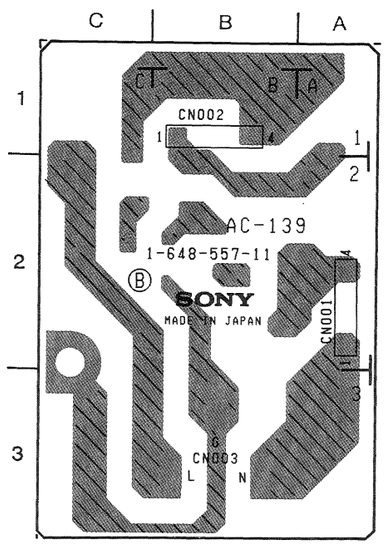
(Board's Lot No. 302 and higher)
All DVWs



AC-139/139B BOARD -A SIDE-

1-648-557-11/21 (LOT No. 302 -)

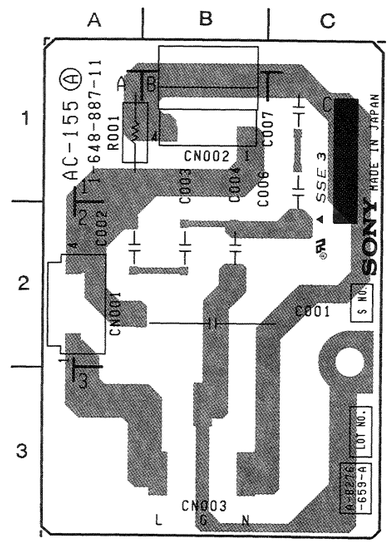
DVW-A500P(EK)	; AC-139	MCB
DVW-A500P(UC)	; AC-139	MCB
DVW-500P(EK)	; AC-139	MCB
DVW-500P(UC)	; AC-139	MCB
DVW-A510P(EK)	; AC-139B	MCB
DVW-510P(EK)	; AC-139B	MCB
DVW-CA510P(EK)	; AC-139B	MCB



AC-139/139B BOARD -B SIDE-

1-648-557-11/21 (LOT No. 302 -)

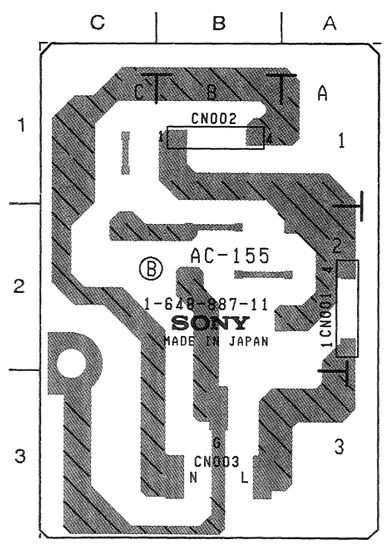
DVW-A500P(EK)	; AC-139	MCB
DVW-A500P(UC)	; AC-139	MCB
DVW-500P(EK)	; AC-139	MCB
DVW-500P(UC)	; AC-139	MCB
DVW-A510P(EK)	; AC-139B	MCB
DVW-510P(EK)	; AC-139B	MCB
DVW-CA510P(EK)	; AC-139B	MCB



AC-155/155B BOARD -A SIDE-

1-648-887-11/21 (LOT No. 302 -)

DVW-A500(J)	; AC-155	MCB
DVW-A500(UC)	; AC-155	MCB
DVW-500(J)	; AC-155	MCB
DVW-500(UC)	; AC-155	MCB
DVW-A510(J)	; AC-155B	MCB
DVW-A510(UC)	; AC-155B	MCB
DVW-510(J)	; AC-155B	MCB
DVW-510(UC)	; AC-155B	MCB
DVW-CA510(J)	; AC-155B	MCB
DVW-CA510(UC)	; AC-155B	MCB



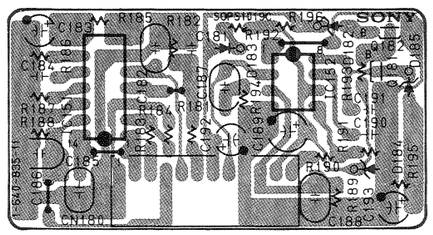
AC-155/155B BOARD -B SIDE-

1-648-887-11/21 (LOT No. 302 -)

DVW-A500(J)	; AC-155	MCB
DVW-A500(UC)	; AC-155	MCB
DVW-500(J)	; AC-155	MCB
DVW-500(UC)	; AC-155	MCB
DVW-A510(J)	; AC-155B	MCB
DVW-A510(UC)	; AC-155B	MCB
DVW-510(J)	; AC-155B	MCB
DVW-510(UC)	; AC-155B	MCB
DVW-CA510(J)	; AC-155B	MCB
DVW-CA510(UC)	; AC-155B	MCB

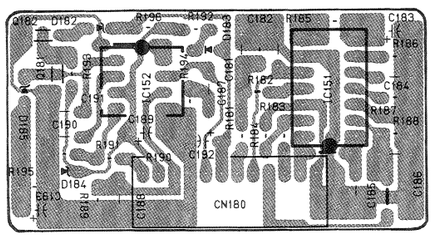
SOPS-1019C ; Switching regulator
SOPS-1042S ; Switching regulator

(Board's Lot No. 302 and higher)
All DVWs



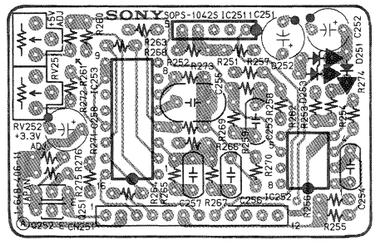
SOPS-1019C BOARD -A SIDE-

1-640-835-11
All DVWs



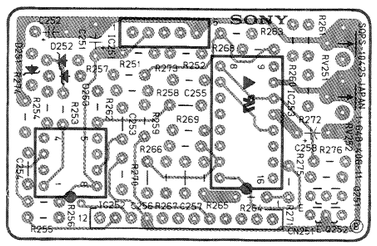
SOPS-1019C BOARD -B SIDE-

1-640-835-11
All DVWs



SOPS-1042S BOARD -A SIDE-

1-648-406-11
All DVWs

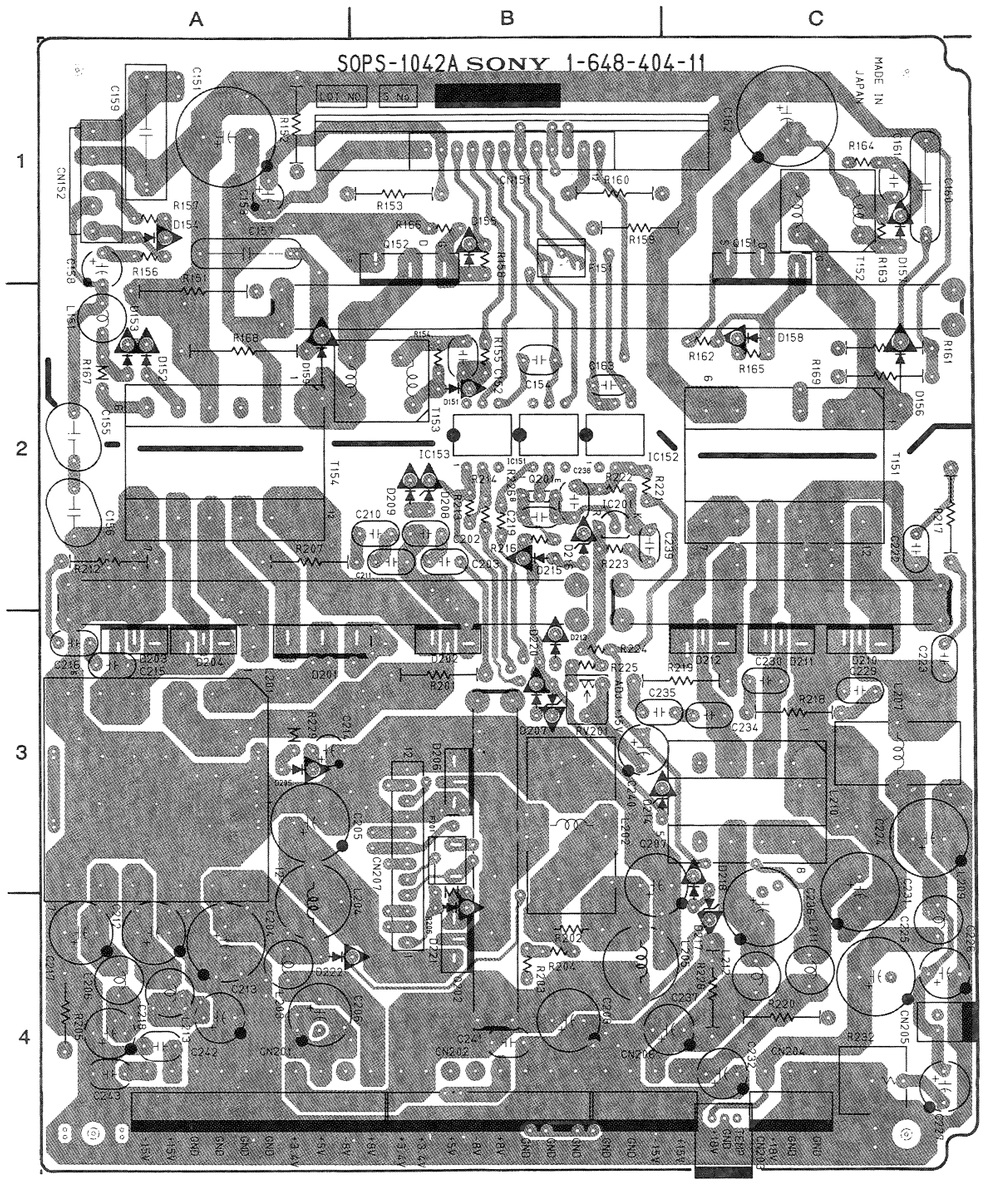


SOPS-1042S BOARD -B SIDE-

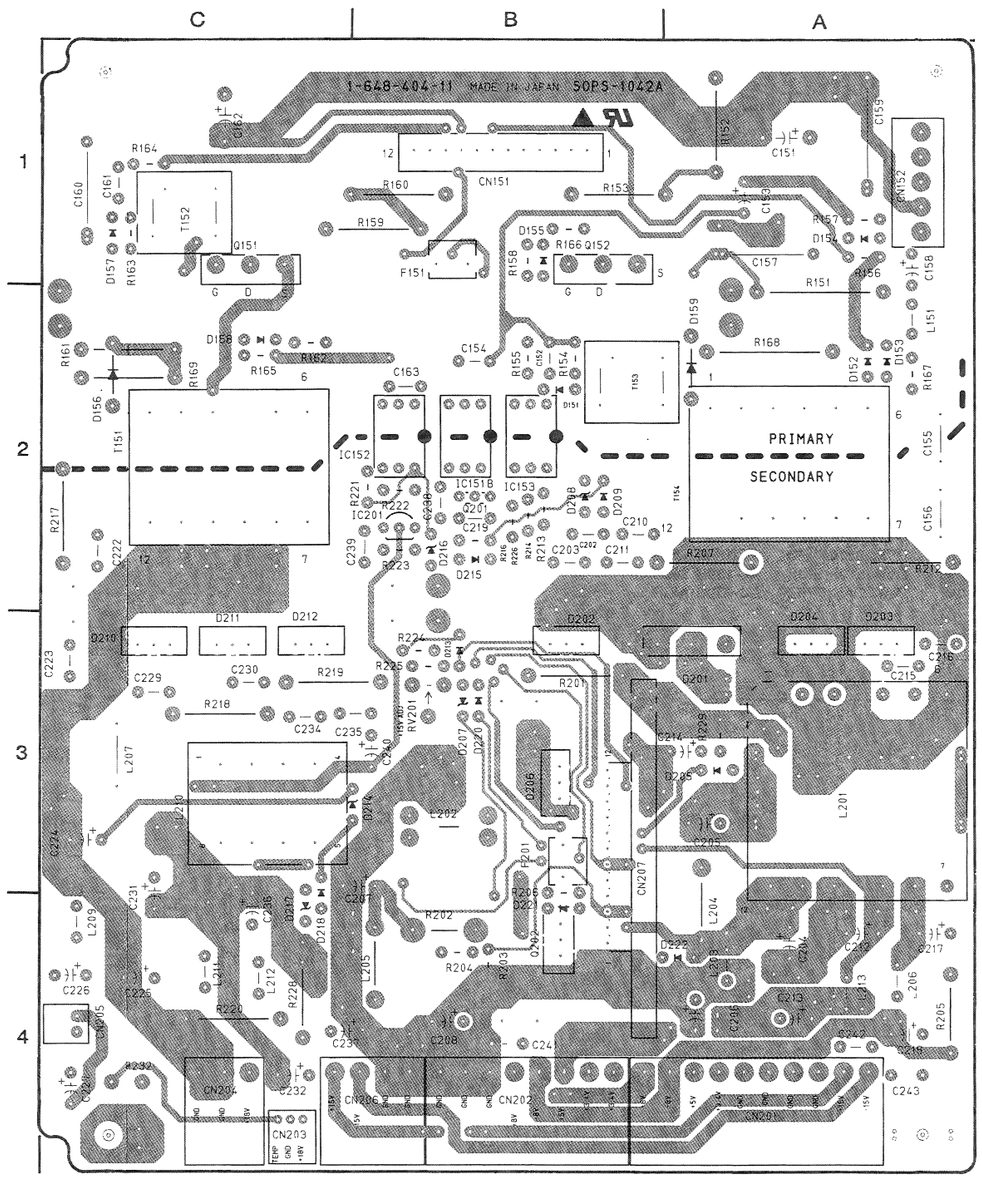
1-648-406-11
All DVWs

SOPS-1042A ; Switching regulator (inc. SOPS-1019C/1042S boards)

(Board's Lot No. 302 and higher)
All DVWs



SOPS-1042A BOARD -A SIDE-
1-648-404-11 (LOT No.302 -)
All DVWs



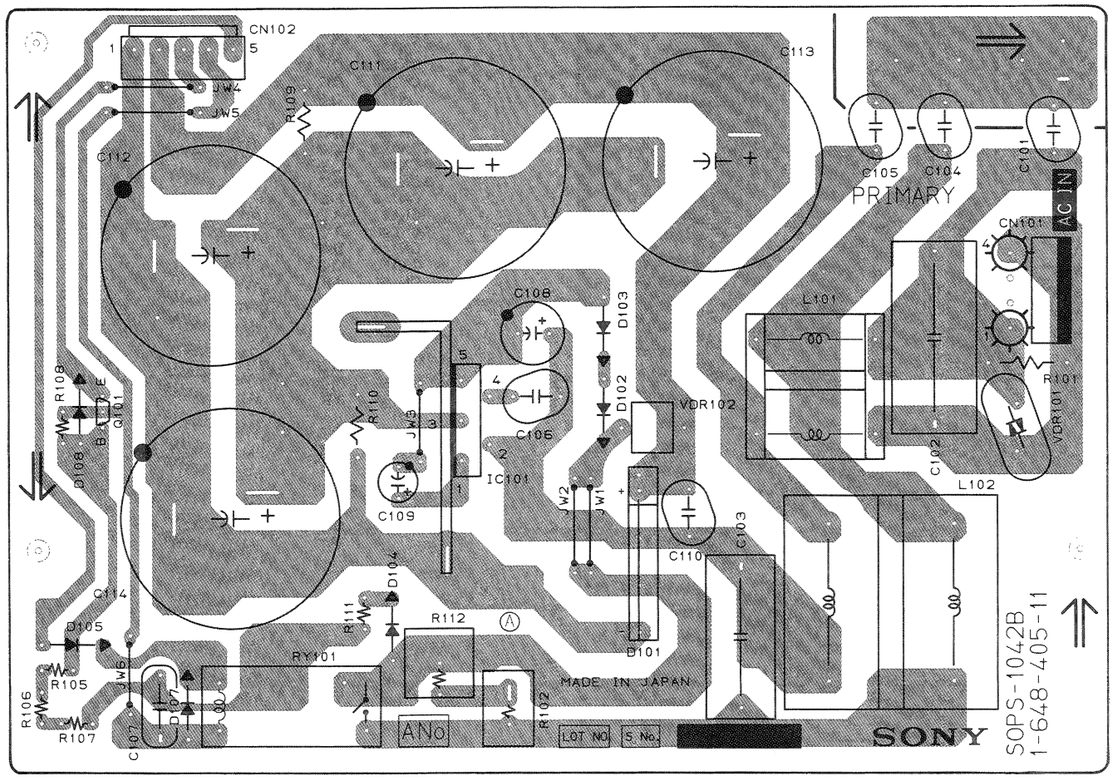
SOPS-1042A BOARD -B SIDE-
1-648-404-11 (LOT No.302 -)
All DVWs

SOPS-1042A(1-648-404-11)

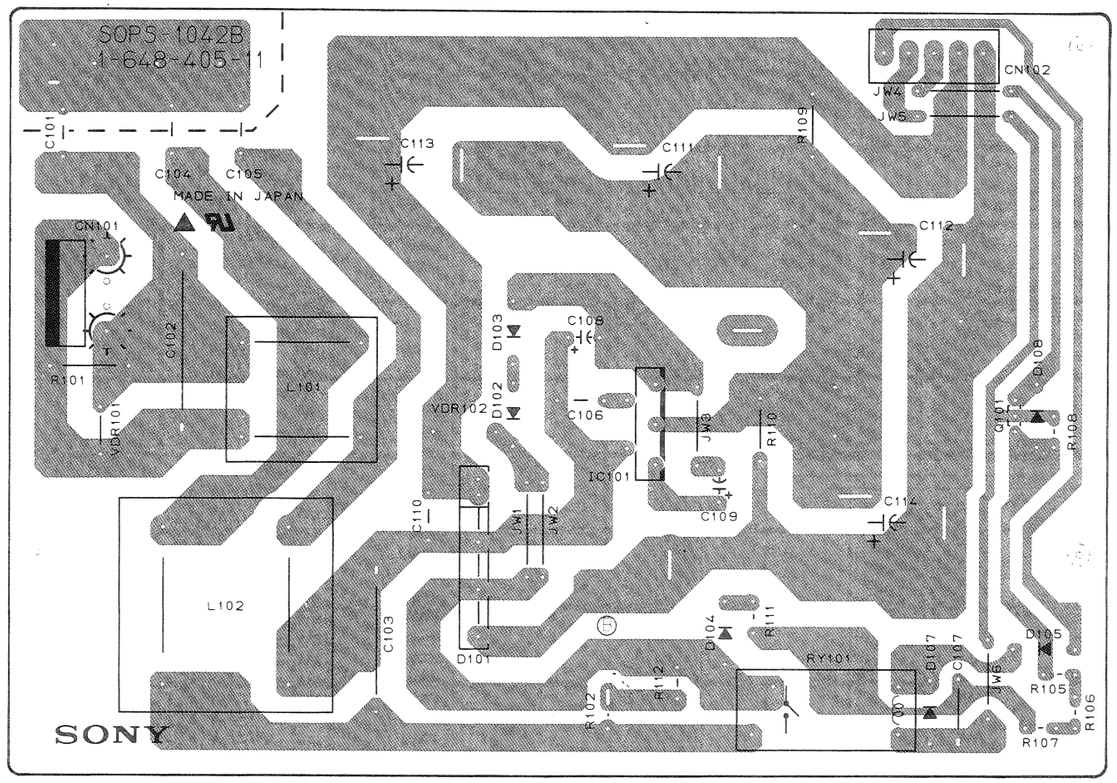
CN151	B-1
CN152	A-1
CN201	A-4
CN202	B-4
CN203	C-4
CN204	C-4
CN205	C-4
CN206	B-4
CN207	B-3
D151	B-2
D152	A-2
D153	A-2
D154	A-1
D155	B-1
D156	C-2
D157	C-1
D158	C-2
D159	A-2
D201	A-3
D202	B-3
D203	A-3
D204	A-3
D205	A-3
D206	B-3
D207	B-3
D208	B-2
D209	B-2
D210	C-3
D211	C-3
D212	C-3
D213	B-3
D214	B-3
D215	B-2
D216	B-2
D217	C-4
D218	C-3
D220	B-3
D221	B-4
D222	A-4
F151	B-1
F201	B-3
IC151	B-2
IC152	B-2
IC153	B-2
IC201	B-2
Q151	C-1
Q152	B-1
Q201	B-2
Q202	B-4
RV201	B-3
T151	C-2
T152	C-1
T153	B-2
T154	A-2
LOT NO.	B-1

SOPS-1042B ; Switching regulator (AC-DC) for SOPS-1042 type

(Board's Lot No. 302 and higher)
All DVWs



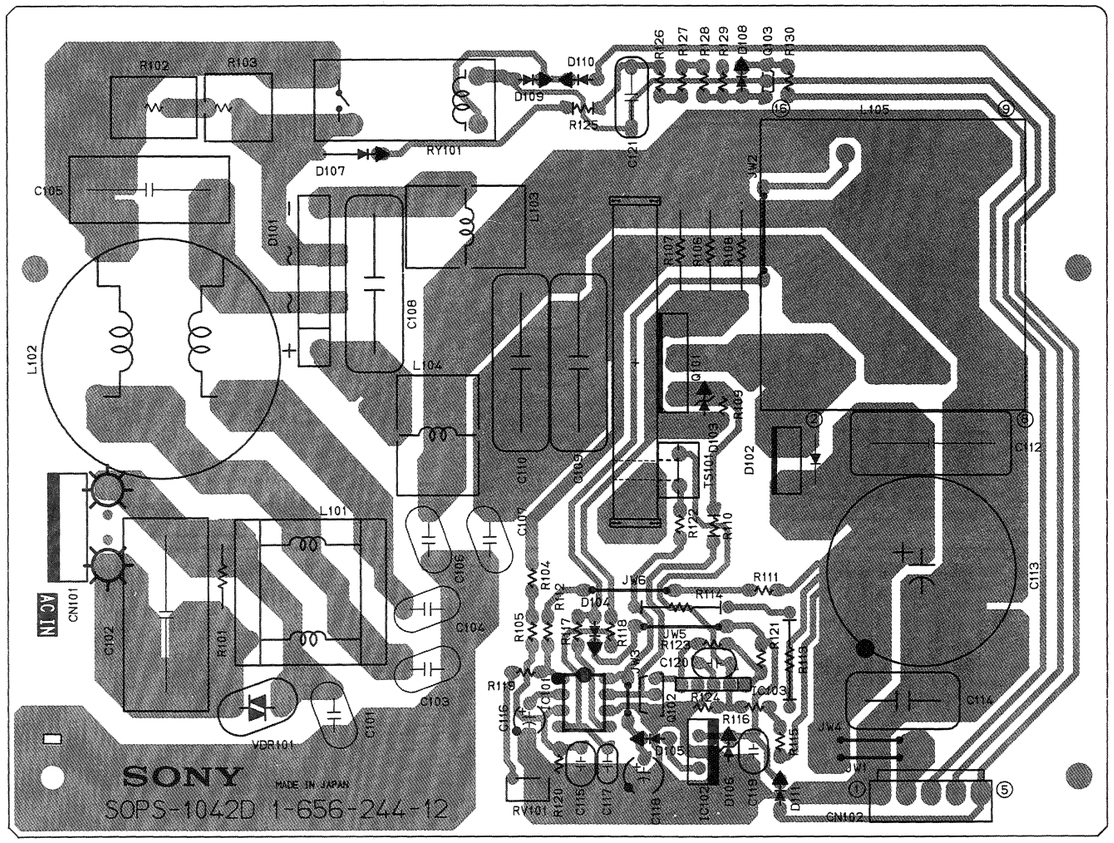
SOPS-1042B BOARD -A SIDE-
1-648-405-11
All DVWs
For SOPS-1042 type (Part No. 1-412-831-11)



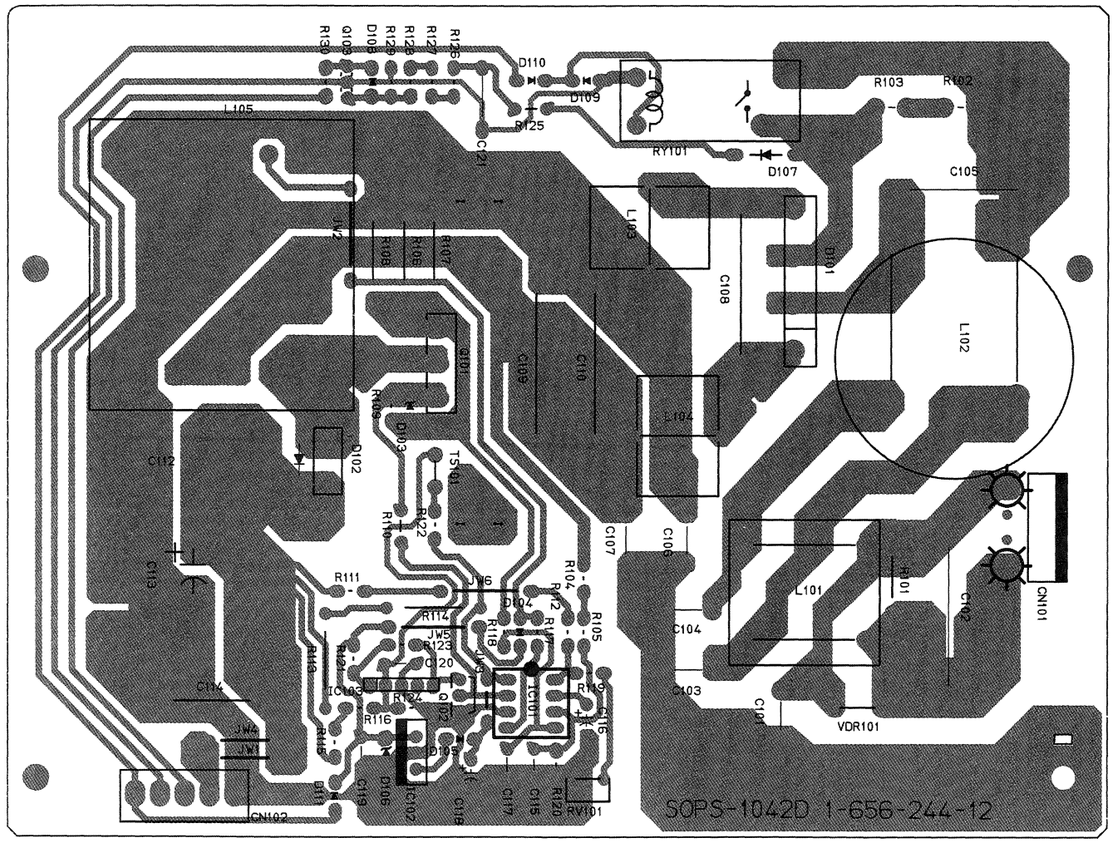
SOPS-1042B BOARD -B SIDE-
1-648-405-11
All DVWs
For SOPS-1042 type (Part No. 1-412-831-11)

SOPS-1042D ; Switching regulator (AC-DC) for SOPS-1042 (A) type

(Board's Lot No. 302 and higher)
All DVWs



SOPS-1042D BOARD -A SIDE-
1-656-244-11, 12
All DVWs
For SOPS-1042(A) type (Part No. 1-412-831-21)



SOPS-1042D BOARD -B SIDE-
1-656-244-11, 12
All DVWs
For SOPS-1042(A) type (Part No. 1-412-831-21)

MB-441 ; Mother board and Remote control connectors
(CONTROL PANEL, REMOTE 1 IN/OUT, RS-232C, VIDEO CONTROL)

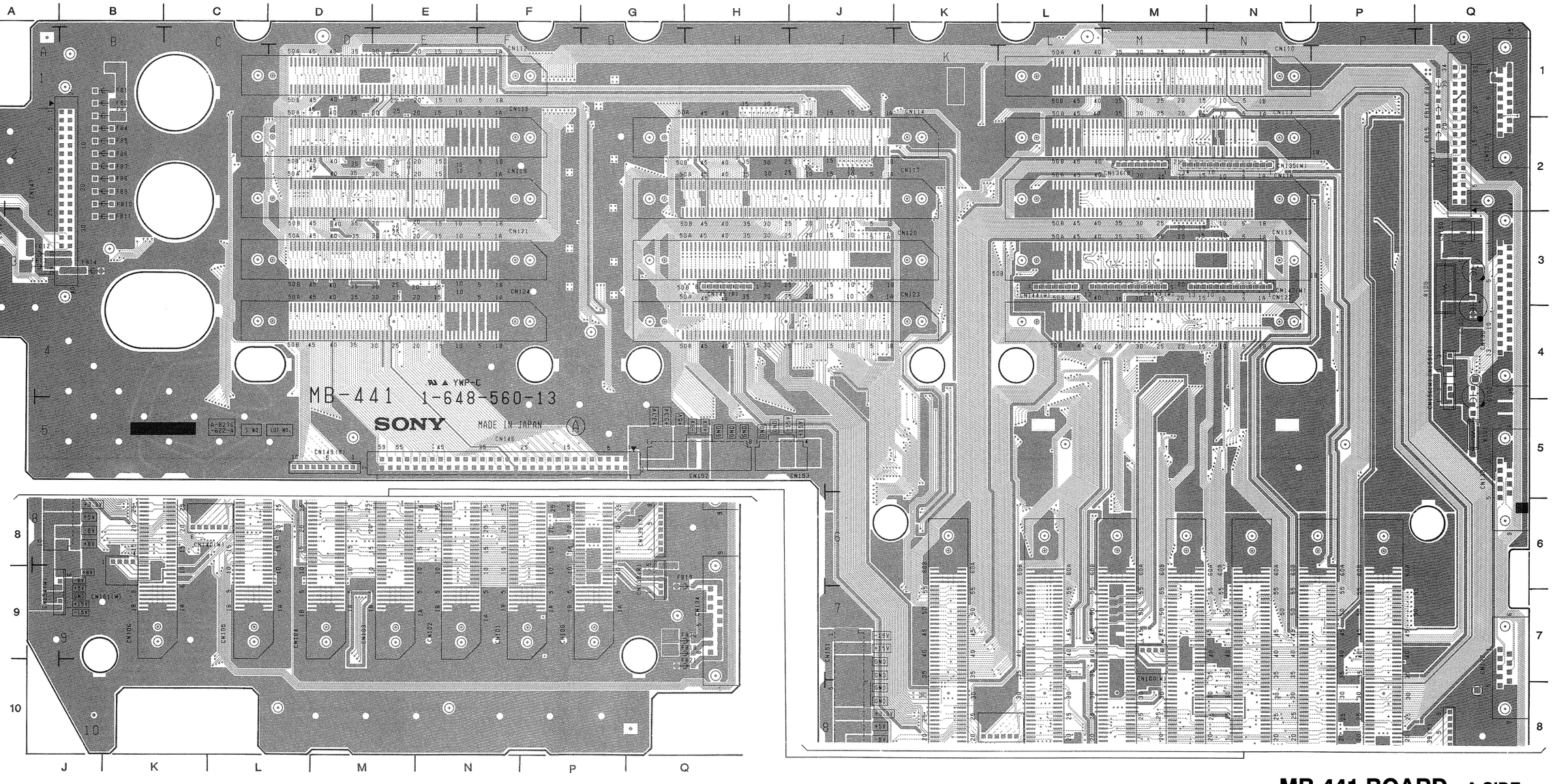
(Board's Lot No.403 and higher)
All DVWs

MB-441(1-648-560-13)

CN100	P-9	FB1	B-1
CN101	N-9	FB2	B-1
CN102	N-9	FB3	B-2
CN103	M-9	FB4	B-2
CN104	L-9	FB5	B-2
CN105	L-9	FB6	B-2
CN106	K-9	FB7	B-2
CN110	N-1	FB8	B-2
CN112	F-1	FB9	B-2
CN113	N-1	FB10	B-2
CN114	K-1	FB11	B-3
CN115	F-1	FB12	A-3
CN116	N-2	FB13	A-3
CN117	K-2	FB14	B-3
CN118	F-2	FB15	Q-2
CN119	N-3	FB16	Q-1
CN120	K-3	FB17	Q-1
CN121	F-3	FB18	Q-9
CN122	N-3	FB19	Q-9
CN123	K-3	FB20	Q-9
CN124	F-3	FB21	Q-10
CN130	Q-4		
CN131	Q-2	R100	Q-3
CN132	Q-7	R101	Q-5
CN133	Q-5		
CN134	Q-9		
✱CN135	N-2		
✱CN136	M-2		
CN137	Q-2		
CN138	Q-9		
CN139	Q-8		
CN140	K-8		
✱CN142	N-3		
✱CN143	M-3		
✱CN144	L-3		
✱CN145	H-3		
CN146	F-5		
CN147	A-2		
CN148	A-3		
CN149	D-5		
CN150	Q-3		
CN151	J-8		
CN152	H-5		
CN153	H-5		
CN154	J-9		
CN155	Q-4		
CN156	Q-5		
CN160	M-7		
CN161	J-9		

✱ : B SIDE

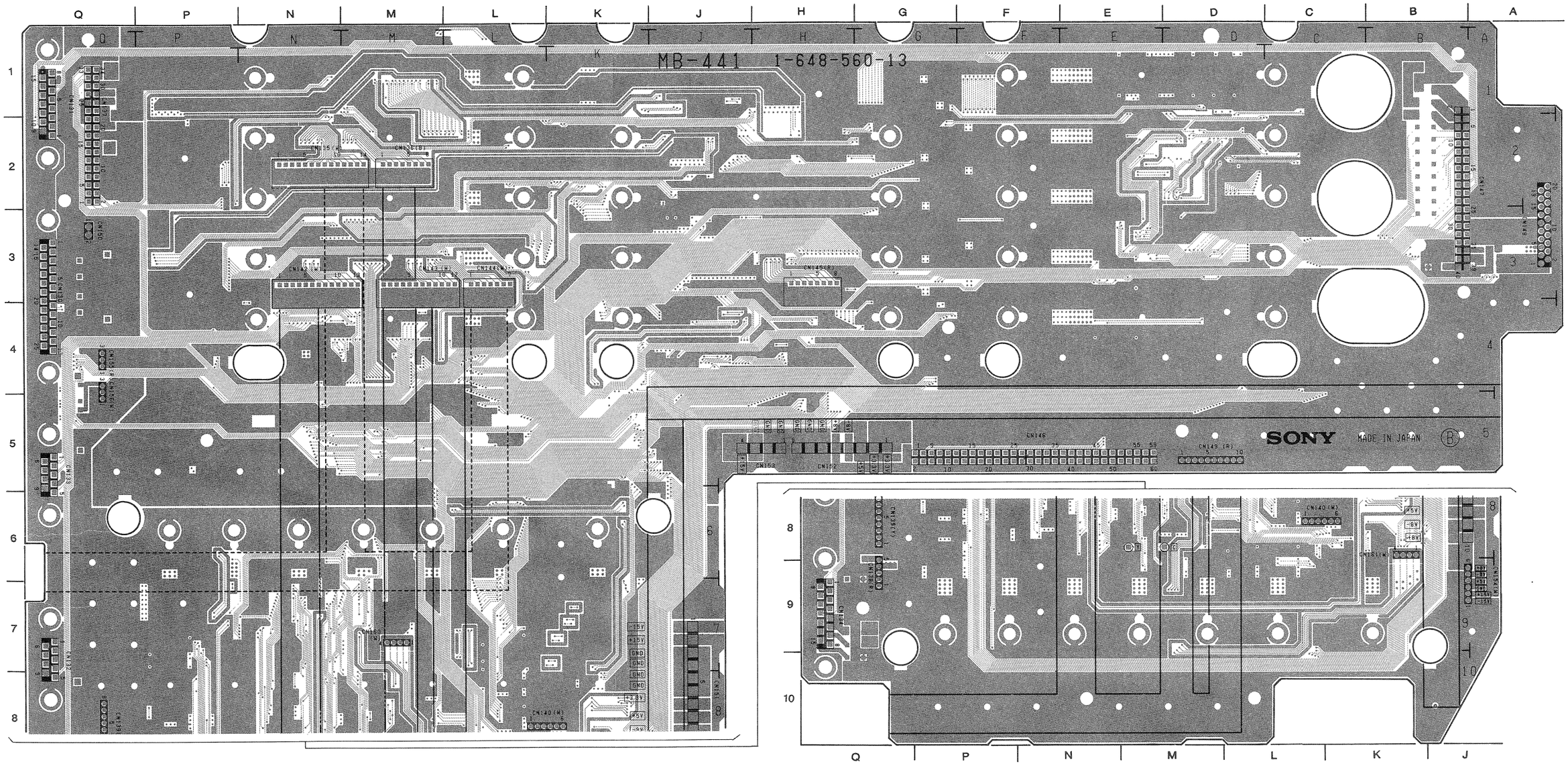
LOT NO. D-5



MB-441 BOARD -A SIDE-

1-648-560-13 (LOT No.403 -)

DVW-A500(J)	; MB-441A	MCB
DVW-A500(UC)	; MB-441A	MCB
DVW-A500P(EK)	; MB-441A	MCB
DVW-A500P(UC)	; MB-441A	MCB
DVW-500(J)	; MB-441	MCB
DVW-500(UC)	; MB-441	MCB
DVW-500P(EK)	; MB-441	MCB
DVW-500P(UC)	; MB-441	MCB
DVW-A510(J)	; MB-441BA	MCB
DVW-A510(UC)	; MB-441BA	MCB
DVW-A510P(EK)	; MB-441BA	MCB
DVW-510(J)	; MB-441B	MCB
DVW-510(UC)	; MB-441B	MCB
DVW-510P(EK)	; MB-441B	MCB
DVW-CA510(J)	; MB-441BA	MCB
DVW-CA510(UC)	; MB-441BA	MCB
DVW-CA510P(EK)	; MB-441BA	MCB



MB-441 BOARD -B SIDE-

1-648-560-13 (LOT No.403 -)

DVW-A500(J)	; MB-441A	MCB
DVW-A500(UC)	; MB-441A	MCB
DVW-A500P(EK)	; MB-441A	MCB
DVW-A500P(UC)	; MB-441A	MCB
DVW-500(J)	; MB-441	MCB
DVW-500(UC)	; MB-441	MCB
DVW-500P(EK)	; MB-441	MCB
DVW-500P(UC)	; MB-441	MCB
DVW-A510(J)	; MB-441BA	MCB
DVW-A510(UC)	; MB-441BA	MCB
DVW-A510P(EK)	; MB-441BA	MCB
DVW-510(J)	; MB-441B	MCB
DVW-510(UC)	; MB-441B	MCB
DVW-510P(EK)	; MB-441B	MCB
DVW-CA510(J)	; MB-441BA	MCB
DVW-CA510(UC)	; MB-441BA	MCB
DVW-CA510P(EK)	; MB-441BA	MCB

1-123 (c)

MB-441 ; Mother board and Remote control connectors (CONTROL PANEL, REMOTE 1 IN/OUT, RS-232C, VIDEO CONTROL)

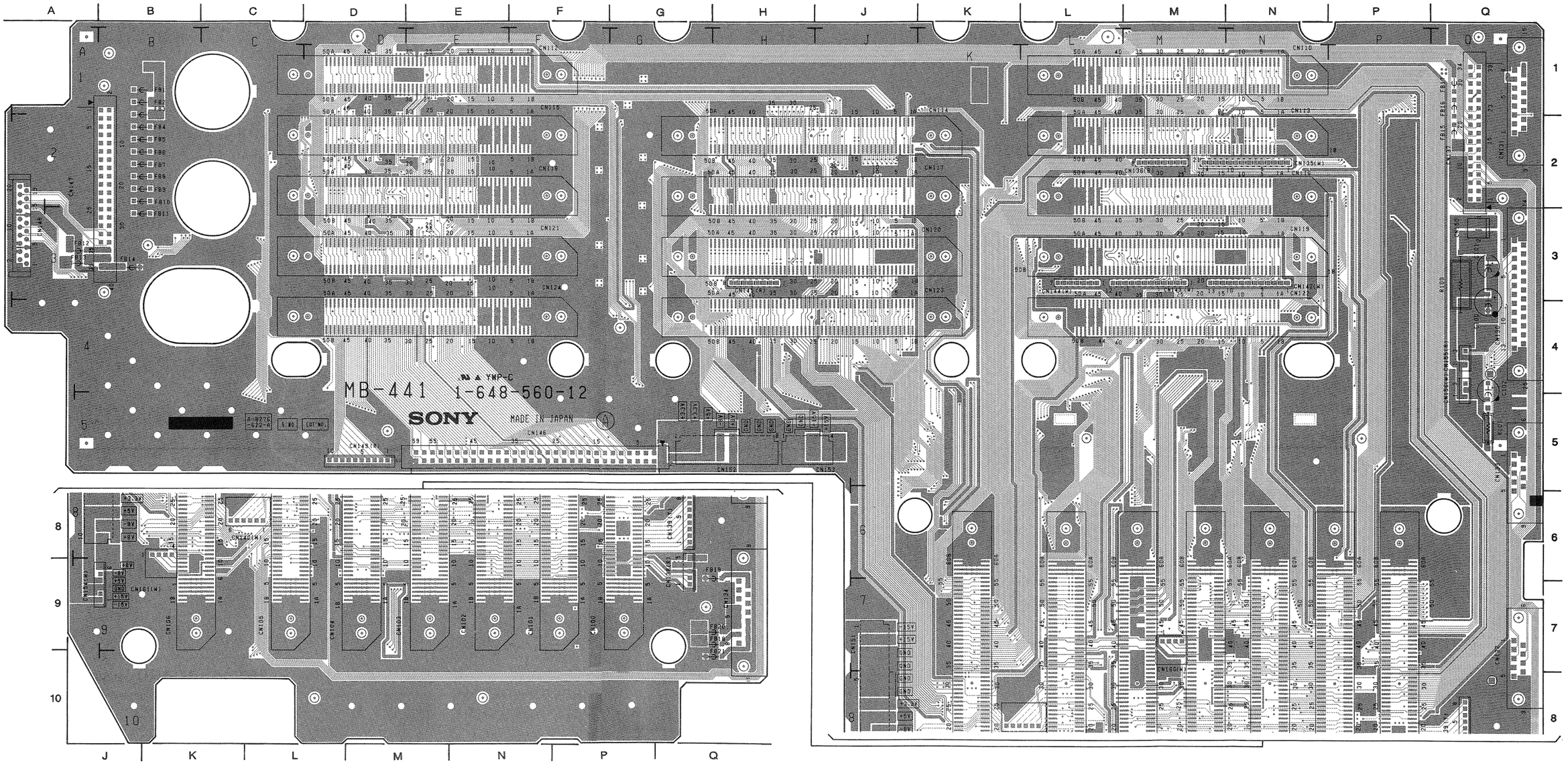
(Board's Lot No.307 through 402)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)
DVW-A510(J)
DVW-A510(UC)
DVW-A510P(EK)
DVW-CA510(UC)
DVW-CA510P(EK)

MB-441(1-648-560-12)

CN100	P-9	FB1	B-1
CN101	N-9	FB2	B-1
CN102	N-9	FB3	B-2
CN103	M-9	FB4	B-2
CN104	L-9	FB5	B-2
CN105	L-9	FB6	B-2
CN106	K-9	FB7	B-2
CN110	N-1	FB8	B-2
CN112	F-1	FB9	B-2
CN113	N-1	FB10	B-2
CN114	K-1	FB11	B-3
CN115	F-1	FB12	A-3
CN116	N-2	FB13	A-3
CN117	K-2	FB14	B-3
CN118	F-2	FB15	Q-2
CN119	N-3	FB16	Q-1
CN120	K-3	FB17	Q-1
CN121	F-3	FB18	Q-9
CN122	N-3	FB19	Q-9
CN123	K-3	FB20	Q-9
CN124	F-3	FB21	Q-10
CN130	Q-4		
CN131	Q-2	R100	Q-3
CN132	Q-7	R101	Q-5
CN133	Q-5		
CN134	Q-9		
✱CN135	N-2		
✱CN136	M-2		
CN137	Q-2		
CN138	Q-9		
CN139	Q-8		
CN140	K-8		
✱CN142	N-3		
✱CN143	M-3		
✱CN144	L-3		
✱CN145	H-3		
CN146	F-5		
CN147	A-2		
CN148	A-3		
CN149	D-5		
CN150	Q-3		
CN151	J-8		
CN152	H-5		
CN153	H-5		
CN154	J-9		
CN155	Q-4		
CN156	Q-5		
CN160	M-7		
CN161	J-9		

✱ : B SIDE

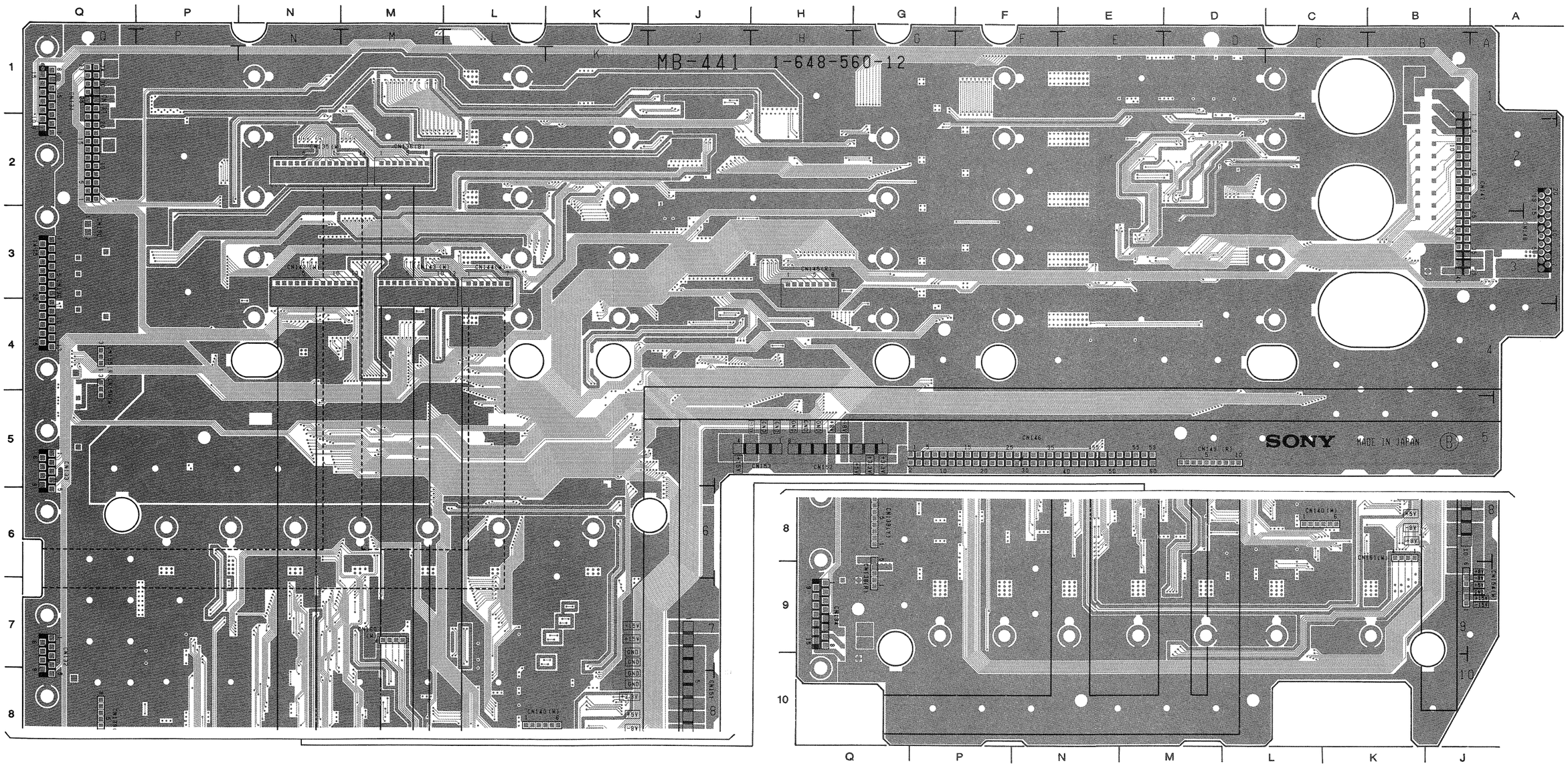
LOT NO. D-5



MB-441 BOARD -A SIDE-

1-648-560-12 (LOT No. 307 - 402)

DVW-A500(J)	; MB-441A	MCB
DVW-A500(UC)	; MB-441A	MCB
DVW-A500P(EK)	; MB-441A	MCB
DVW-500(J)	; MB-441	MCB
DVW-500(UC)	; MB-441	MCB
DVW-500P(EK)	; MB-441	MCB
DVW-A510(J)	; MB-441BA	MCB
DVW-A510(UC)	; MB-441BA	MCB
DVW-A510P(EK)	; MB-441BA	MCB
DVW-510(J)	; MB-441B	MCB
DVW-510(UC)	; MB-441B	MCB
DVW-510P(EK)	; MB-441B	MCB
DVW-CA510(UC)	; MB-441BA	MCB
DVW-CA510P(EK)	; MB-441BA	MCB



MB-441 BOARD -B SIDE-

1-648-560-12 (LOT No. 307 - 402)

DVW-A500(J)	; MB-441A	MCB
DVW-A500(UC)	; MB-441A	MCB
DVW-A500P(EK)	; MB-441A	MCB
DVW-500(J)	; MB-441	MCB
DVW-500(UC)	; MB-441	MCB
DVW-500P(EK)	; MB-441	MCB
DVW-A510(J)	; MB-441BA	MCB
DVW-A510(UC)	; MB-441BA	MCB
DVW-A510P(EK)	; MB-441BA	MCB
DVW-510(J)	; MB-441B	MCB
DVW-510(UC)	; MB-441B	MCB
DVW-510P(EK)	; MB-441B	MCB
DVW-CA510(UC)	; MB-441BA	MCB
DVW-CA510P(EK)	; MB-441BA	MCB

MB-441 ; Mother board and Remote control connectors (CONTROL PANEL, REMOTE 1 IN/OUT, RS-232C, VIDEO CONTROL)

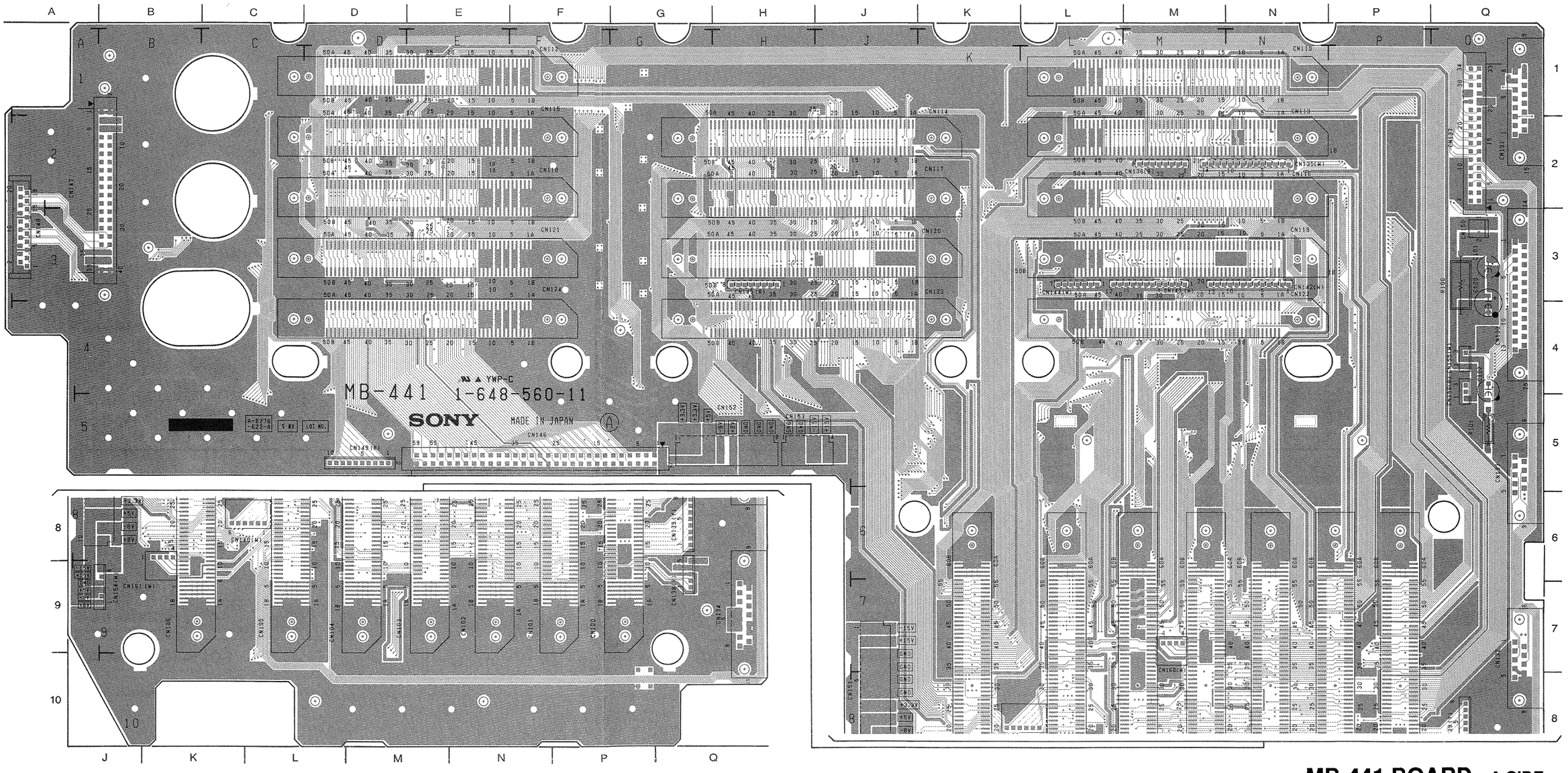
(Board's Lot No. 302 through 306)
DVW-A500(J)
DVW-A500(UC)
DVW-A500P(EK)
DVW-A500P(UC)
DVW-500(J)
DVW-500(UC)
DVW-500P(EK)

MB-441(1-648-560-11)

CN100	P-9
CN101	N-9
CN102	N-9
CN103	M-9
CN104	L-9
CN105	L-9
CN106	K-9
CN110	N-1
CN112	F-1
CN113	N-1
CN114	K-1
CN115	F-1
CN116	N-2
CN117	K-2
CN118	F-2
CN119	N-3
CN120	K-3
CN121	F-3
CN122	N-3
CN123	K-3
CN124	F-3
CN130	Q-4
CN131	Q-2
CN132	Q-7
CN133	Q-5
CN134	Q-9
✱CN135	N-2
✱CN136	M-2
CN137	Q-2
CN138	Q-9
CN139	Q-8
CN140	K-8
✱CN142	N-3
✱CN143	M-3
✱CN144	L-3
✱CN145	H-3
CN146	F-5
CN147	A-2
CN148	A-3
CN149	D-5
CN150	Q-3
CN151	J-8
CN152	H-5
CN153	H-5
CN154	J-9
CN155	Q-4
CN156	Q-5
CN160	M-7
CN161	J-9
R100	Q-3
R101	Q-5

✱ : B SIDE

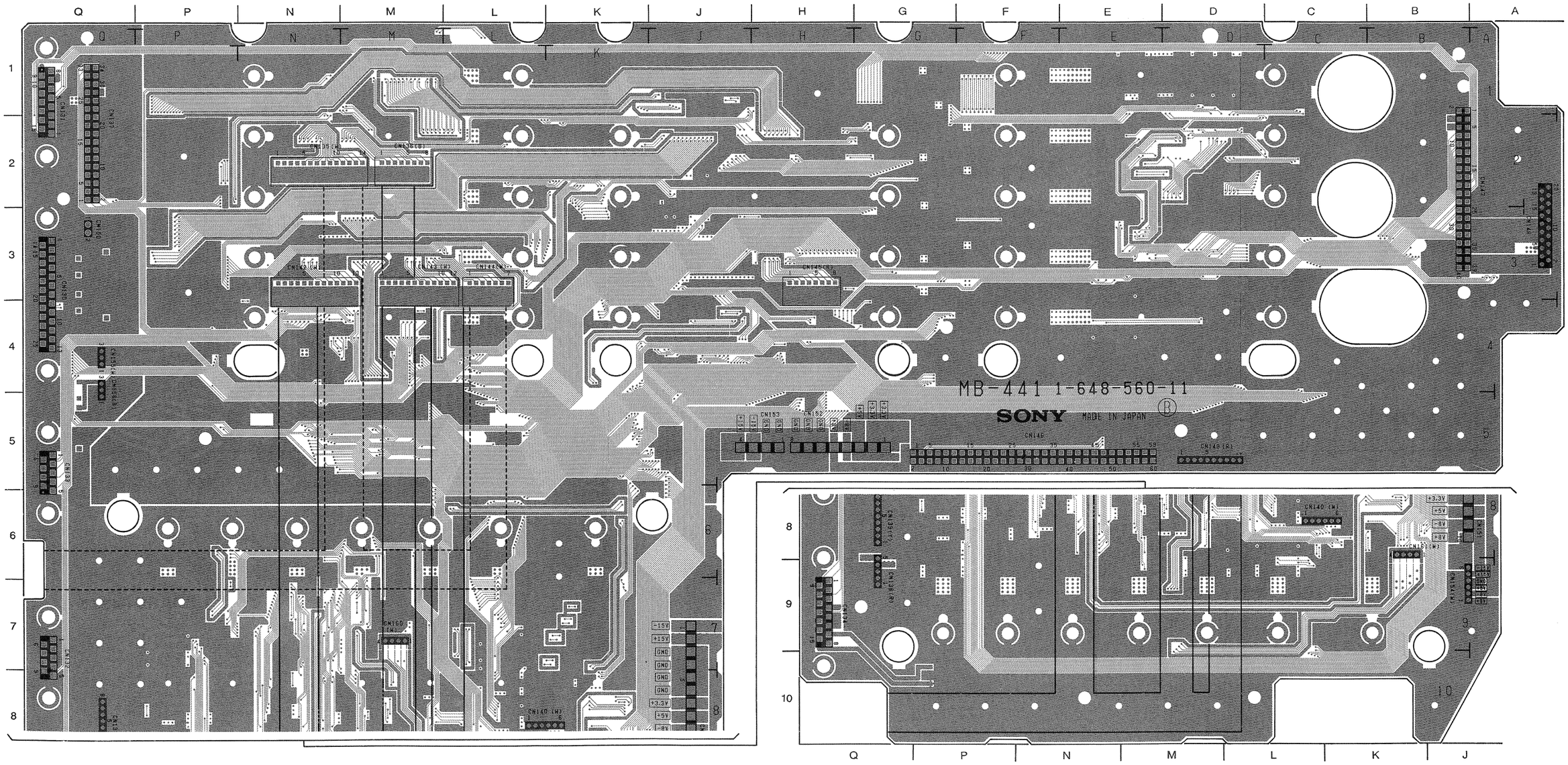
LOT NO. D-5



MB-441 BOARD -A SIDE-

1-648-560-11 (LOT No.302 - 306)

DVW-A500(J)	; MB-441A	MCB
DVW-A500(UC)	; MB-441A	MCB
DVW-A500P(EK)	; MB-441A	MCB
DVW-A500P(UC)	; MB-441A	MCB
DVW-500(J)	; MB-441	MCB
DVW-500(UC)	; MB-441	MCB
DVW-500P(EK)	; MB-441	MCB



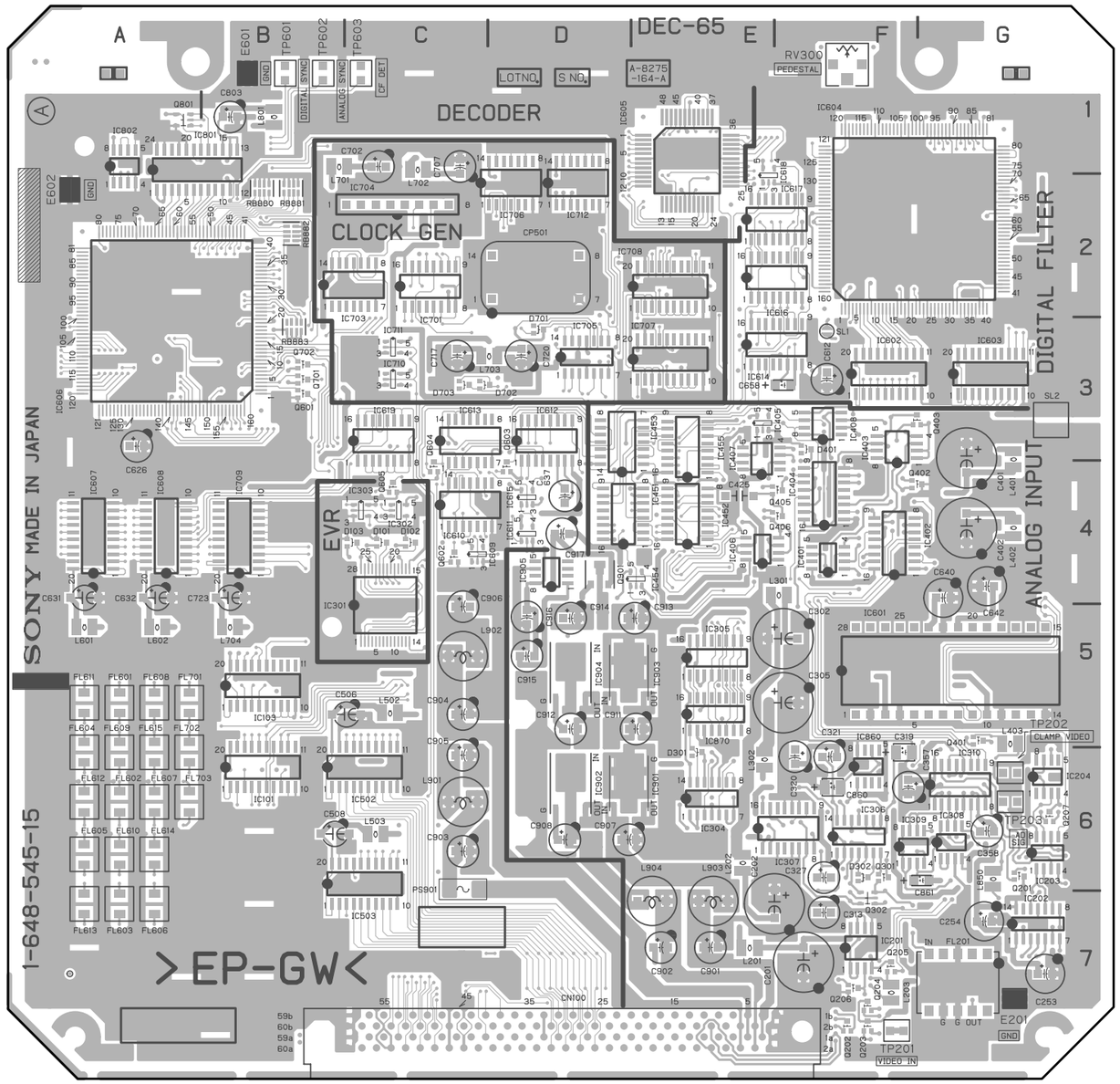
MB-441 BOARD -B SIDE-

1-648-560-11 (LOT No.302 - 306)

DVW-A500(J)	; MB-441A	MCB
DVW-A500(UC)	; MB-441A	MCB
DVW-A500P(EK)	; MB-441A	MCB
DVW-A500P(UC)	; MB-441A	MCB
DVW-500(J)	; MB-441	MCB
DVW-500(UC)	; MB-441	MCB
DVW-500P(EK)	; MB-441	MCB

DEC-65 ; Analog composite video decoder (Composite-component conversion, A/D conversion)

BKDW-505(UCJ) ; S/N 18181 and higher
BKDW-506(EK) ; S/N 15211 and higher
BKDW-506(UC) ; S/N 10271 and higher

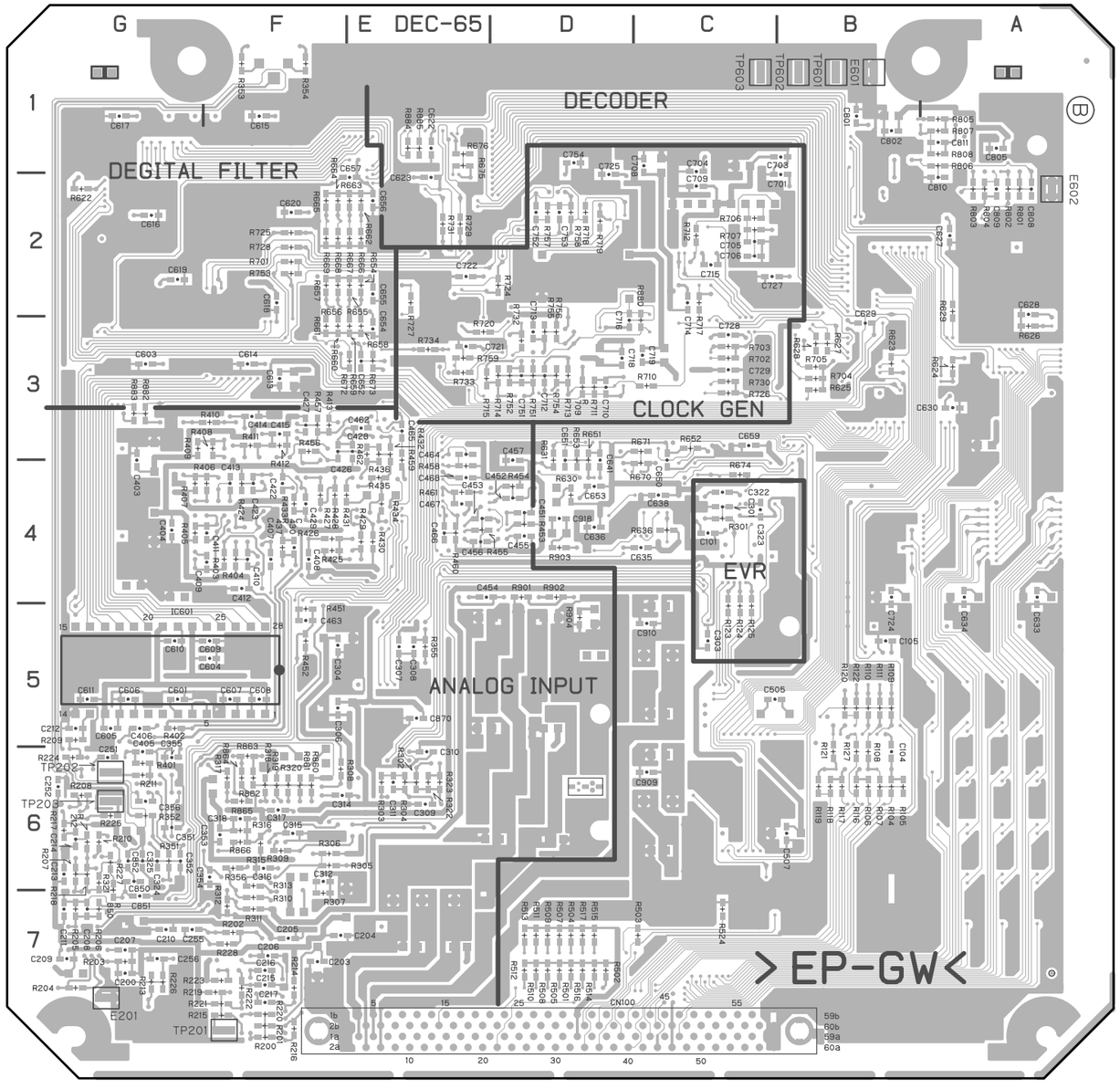


DEC-65 BOARD -A SIDE-

1-648-545-15
BKDW-505(UCJ) ; DEC-65 MCB ;#18181-
BKDW-506(EK) ; DEC-65P MCB ;#15211-
BKDW-506(UC) ; DEC-65PG MCB ;#10271-

DEC-65 (1-707-255-15)

CN100	D7	IC706	D2
		IC707	E3
CP501	D2	IC708	E2
		IC709	B4
D101	C4	IC710	C3
D102	C4	IC711	C3
D103	C4	IC712	D2
D301	E6	IC801	A2
D302	F6	IC802	A2
D401	F3	IC860	F6
D701	D3	IC870	E5
D702	C3	IC901	D6
D703	C3	IC902	D6
		IC903	D5
E201	G7	IC904	D5
E601	B1	IC905	D4
E602	A2		
		PS901	C6
FL201	G7		
FL601	A5	Q201	G6
FL602	A6	Q202	F7
FL603	A7	Q203	F7
FL604	A6	Q204	F7
FL605	A6	Q205	F7
FL606	A7	Q206	F7
FL607	A6	Q207	G6
FL608	A5	Q301	F6
FL609	A6	Q302	F7
FL610	A6	Q401	G5
FL611	A5	Q402	F4
FL612	A6	Q403	F3
FL613	A7	Q405	F4
FL614	A6	Q406	F4
FL615	A6	Q601	B3
FL701	A5	Q602	C4
FL702	A6	Q603	D4
FL703	A6	Q604	C4
		Q605	C4
IC101	B6	Q701	B3
IC103	B5	Q702	B3
IC201	F7	Q801	A1
IC202	G7	Q901	D4
IC203	G6		
IC204	G6	RB880	B2
IC301	C5	RB881	B2
IC302	C4	RB882	B2
IC303	C4	RB883	B3
IC304	E6		
IC305	E5	RV300	F1
IC306	F6		
IC307	E6	SL1	F3
IC308	G6		
IC309	F6	TP201	F7
IC310	G6	TP202	G6
IC401	F4	TP203	G6
IC402	F4	TP601	B1
IC403	F3	TP602	B1
IC404	F4	TP603	C1
IC405	E3		
IC406	F4		
IC407	F4		
IC408	F3		
IC451	E4		
IC452	E4		
IC453	E4		
IC454	E4		
IC455	E4		
IC502	B6		
IC503	B7		
IC601	F5		
IC602	F3		
IC603	G3		
IC604	F2		
IC605	E1		
IC606	A3		
IC607	A4		
IC608	A4		
IC609	C4		
IC610	C4		
IC611	D4		
IC612	D4		
IC613	C4		
IC614	E3		
IC615	D4		
IC616	E2		
IC617	E2		
IC618	E2		
IC619	C4		
IC701	C2		
IC703	B2		
IC704	C2		
IC705	D3		



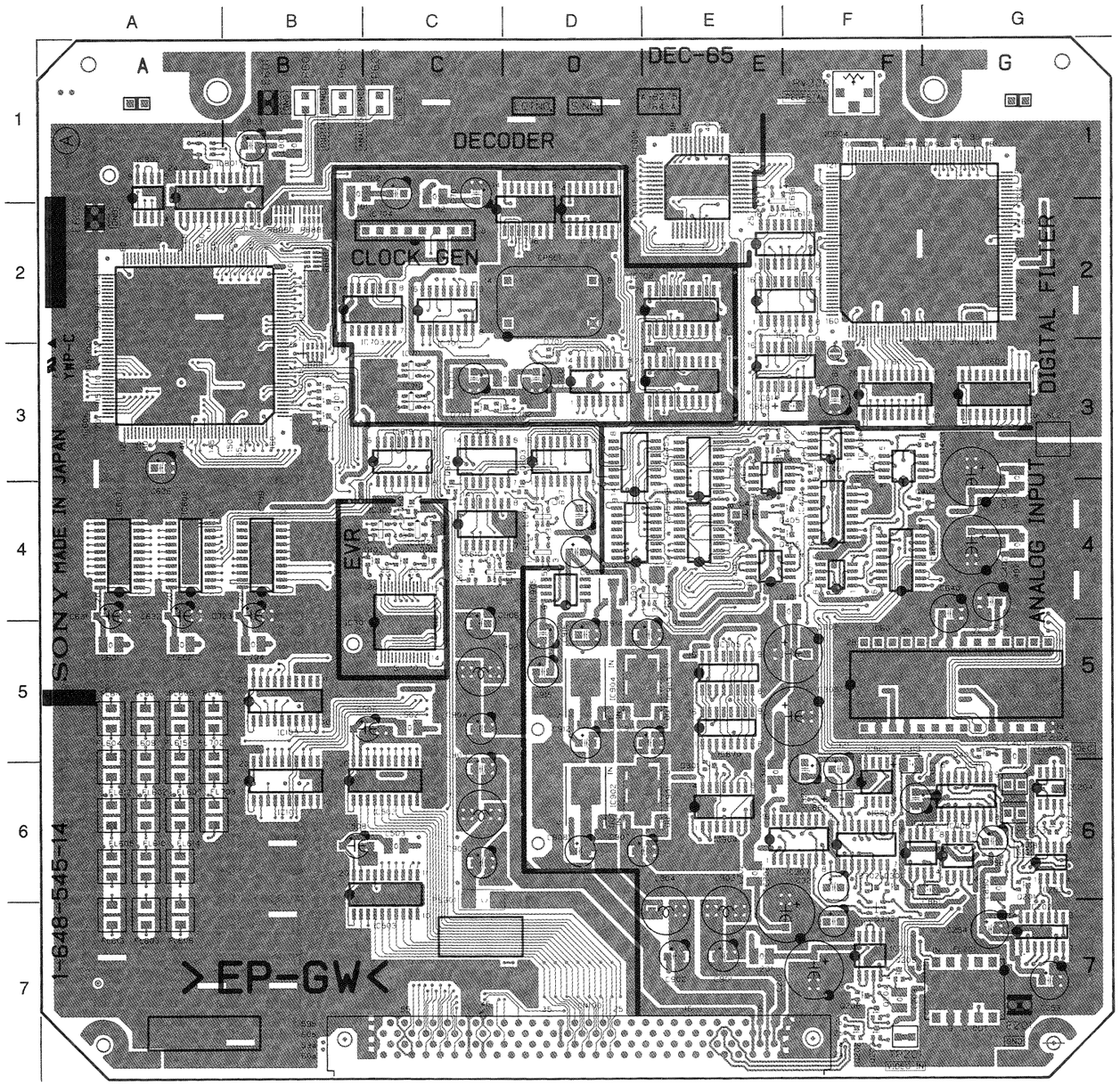
DEC-65 BOARD -B SIDE-

1-648-545-15

BKDW-505(UCJ) ; DEC-65 MCB ;#18181-
BKDW-506(EK) ; DEC-65P MCB ;#15211-
BKDW-506(UC) ; DEC-65PG MCB ;#10271-

DEC-65 ; Analog composite video decoder (Composite-component conversion, A/D conversion)

BKDW-505(UCJ)	;	S/N 14131 through 18180
BKDW-506(EK)	;	S/N 12931 through 15210
BKDW-506(UC)	;	S/N 10221 through 10270



DEC-65 BOARD -A SIDE-

1-648-545-14

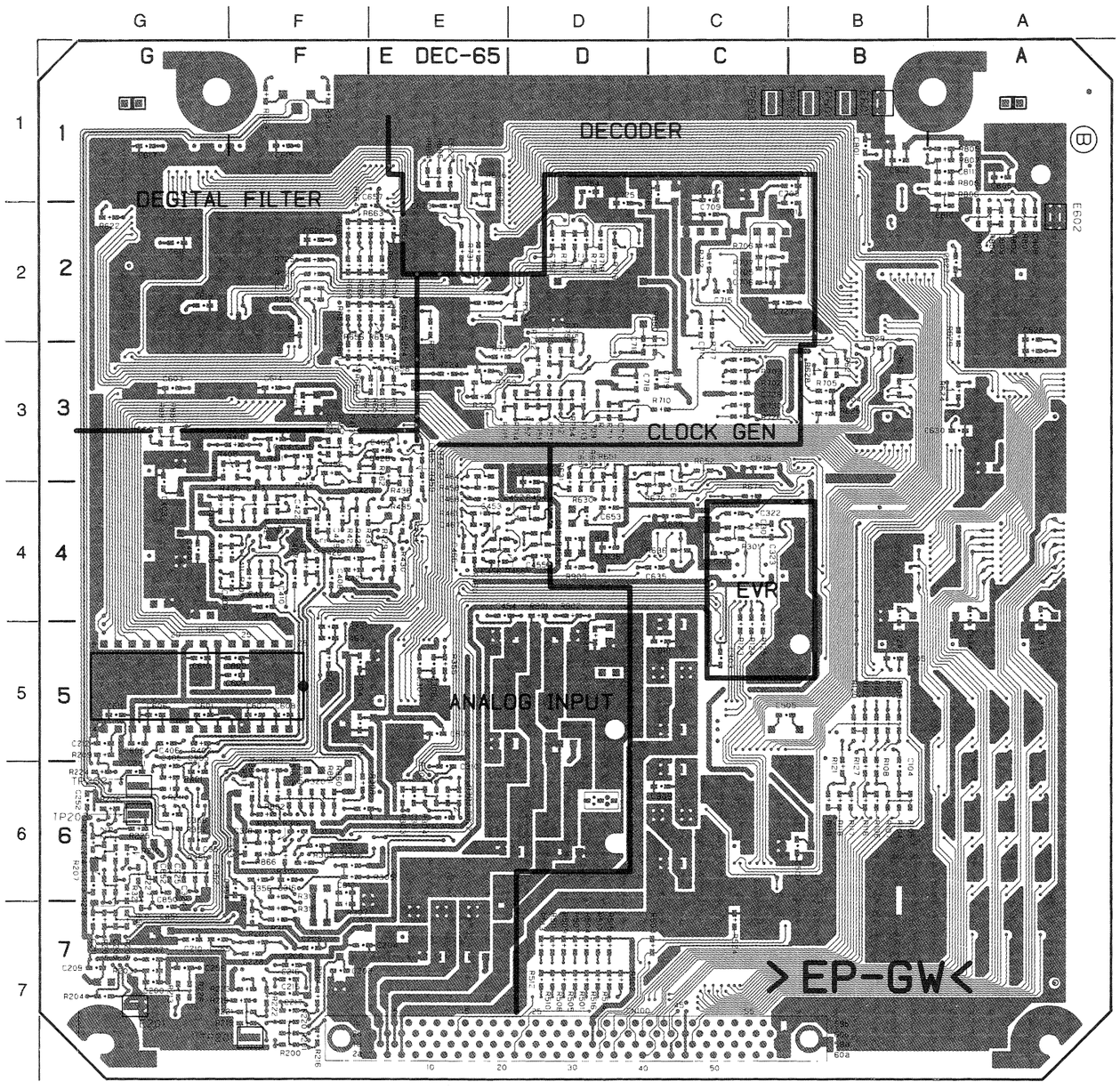
BKDW-505(UCJ) ; DEC-65 MCB ; #14131-18180
BKDW-506(EK) ; DEC-65P MCB ; #12931-15210
BKDW-506(UC) ; DEC-65PG MCB ; #10221-10270

DEC-65(1-648-545-14)

CN100	D-7	IC706	D-2
		IC707	E-3
CP501	D-2	IC708	E-2
		IC712	D-2
D101	C-4	IC801	A-2
D102	C-4	IC802	A-2
D103	C-4	IC860	F-6
D301	E-6	IC870	E-5
D302	F-6	IC901	D-6
D401	F-3	IC902	D-6
D701	D-3	IC903	D-5
D702	C-3	IC904	D-5
D703	C-3	IC905	D-4
E201	G-7	L201	E-7
E601	B-1	L202	E-6
E602	A-2	L203	F-7
		L301	F-4
FL201	G-7	L302	E-6
FL601	A-5	L401	G-3
FL602	A-6	L402	G-4
FL603	A-7	L403	G-5
FL604	A-6	L601	A-5
FL605	A-6	L602	A-5
FL606	A-7	L701	B-1
FL607	A-6	L703	D-3
FL608	A-5	L801	B-1
FL609	A-6	L850	G-6
FL610	A-6	L901	C-6
FL611	A-5	L902	C-5
FL612	A-6	L903	E-7
FL613	A-7	L904	E-7
FL614	A-6		
FL615	A-6	PS901	C-6
IC101	B-6	Q201	G-6
IC103	B-5	Q202	F-7
IC201	F-7	Q203	F-7
IC202	G-7	Q204	F-7
IC203	G-6	Q205	F-7
IC204	G-6	Q206	F-7
IC301	C-5	Q207	G-6
IC302	C-4	Q301	F-6
IC303	C-4	Q302	F-7
IC304	E-6	Q401	G-5
IC306	F-6	Q402	F-4
IC307	E-6	Q403	F-3
IC308	G-6	Q405	F-4
IC309	F-6	Q406	F-4
IC310	G-6	Q601	B-3
IC401	F-4	Q801	A-1
IC402	F-4	Q901	D-4
IC403	F-3		
IC404	F-4	RB880	B-2
IC405	E-3	RB881	B-2
IC406	F-4	RB882	B-2
IC407	F-4	RB883	B-3
IC408	F-3		
IC451	E-4	RV300	F-1
IC452	E-4		
IC453	E-4	TP201	F-7
IC454	E-4	TP202	G-6
IC455	E-4	TP203	G-6
IC601	F-5	TP601	B-1
IC602	F-3	TP602	B-1
IC603	G-3	TP603	C-1
IC604	F-2		
IC605	E-1		
IC606	A-3		
IC607	A-4		
IC608	A-4		
IC614	E-3		
IC616	E-2		
IC617	E-2		
IC618	E-2		
IC619	C-4		
IC705	D-3		

LOT NO. C-1

S NO. D-1



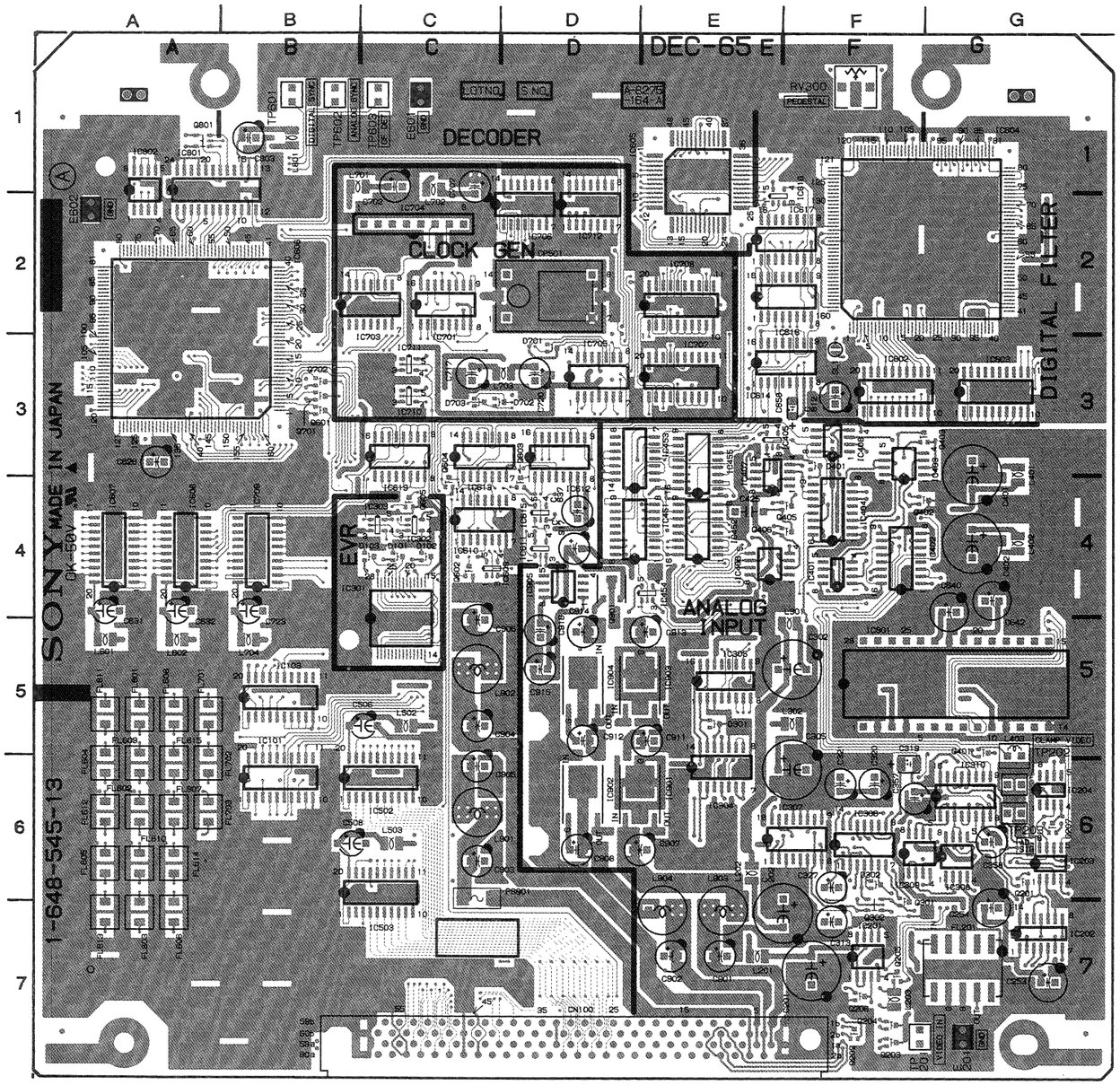
DEC-65 BOARD -B SIDE-

1-648-545-14

BKDW-505(UCJ) ; DEC-65 MCB ; #14131-18180
BKDW-506(EK) ; DEC-65P MCB ; #12931-15210
BKDW-506(UC) ; DEC-65PG MCB ; #10221-10270

DEC-65 ; Analog composite video decoder (Composite-component conversion, A/D conversion)

BKDW-505(UCJ)	;	S/N 11305 through 14130
BKDW-506(EK)	;	S/N 11201 through 12930
BKDW-506(UC)	;	S/N 10031 through 10220



DEC-65 BOARD -A SIDE-

1-648-545-13

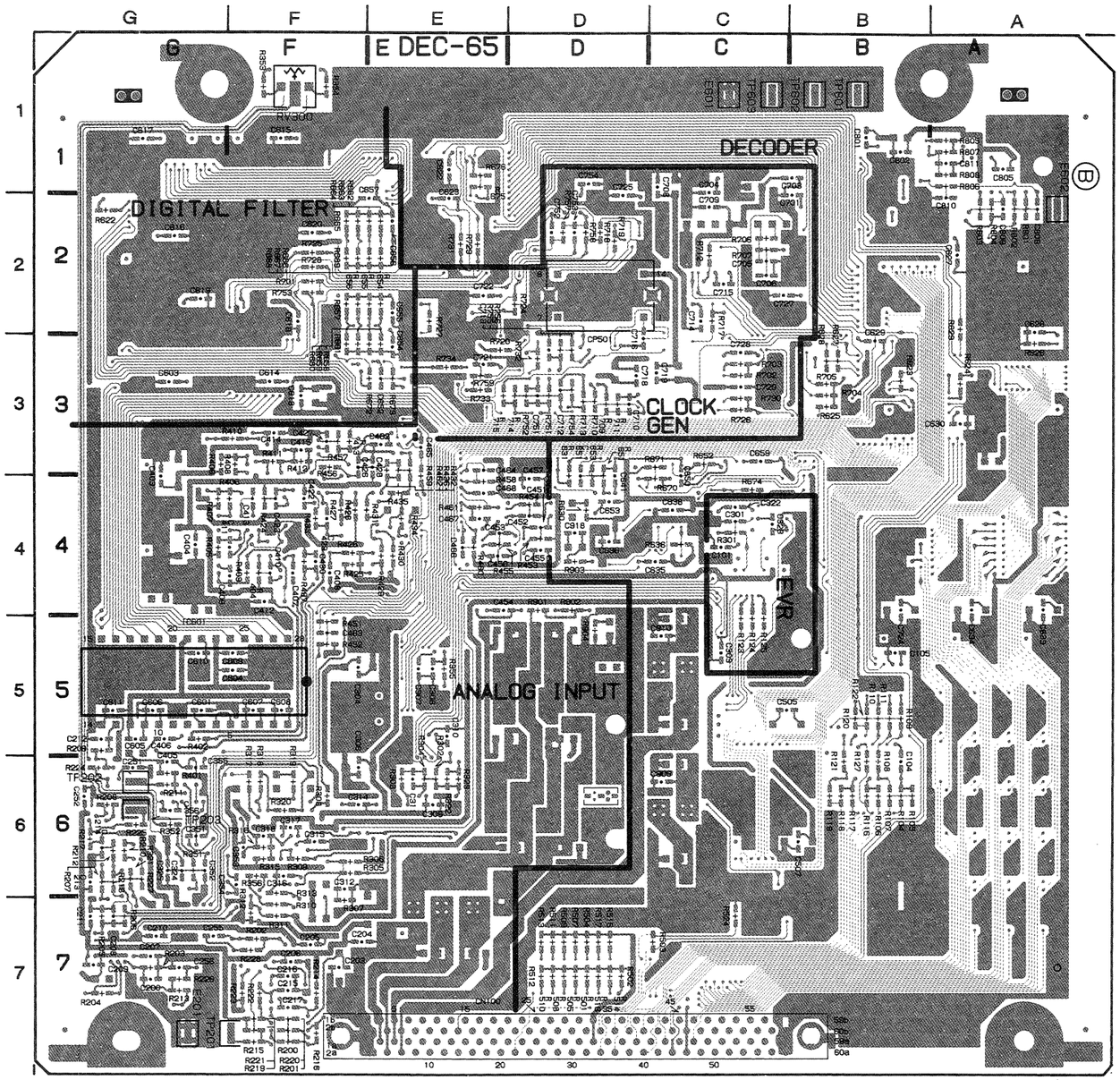
BKDW-505(UCJ) ; DEC-65 MCB ; #11305 -14130

BKDW-506(EK) ; DEC-65P MCB ; #11201 -12930

BKDW-506(UC) ; DEC-65PG MCB ; #10031 -10220

DEC-65(1-648-545-13)

CN100	D-7	IC608	A-4
		IC609	C-4
CP501	D-2	IC610	C-4
		IC611	D-4
D101	C-4	IC612	D-4
D102	C-4	IC613	C-3
D103	C-4	IC614	E-3
D301	E-5	IC615	D-4
D302	F-6	IC616	E-2
D401	F-3	IC617	E-2
D701	D-3	IC618	E-2
D702	D-3	IC619	C-3
D703	C-3	IC701	C-2
		IC703	B-2
E201	G-7	IC704	C-2
E601	C-1	IC705	D-3
E602	A-2	IC706	D-2
		IC707	E-3
FL201	G-7	IC708	E-2
FL601	A-5	IC709	B-4
FL602	A-6	IC710	C-3
FL603	A-7	IC711	C-3
FL604	A-6	IC712	D-2
FL605	A-6	IC801	A-1
FL606	A-7	IC802	A-1
FL607	A-6	IC901	E-6
FL608	A-5	IC902	E-6
FL609	A-6	IC903	E-5
FL610	A-6	IC904	E-5
FL611	A-5	IC905	D-4
FL612	A-6		
FL613	A-7	PS901	C-6
FL614	A-6		
FL615	A-6	Q201	G-7
FL701	A-5	Q202	F-7
FL702	A-6	Q203	F-7
FL703	A-6	Q204	F-7
		Q205	F-7
IC101	B-6	Q206	F-7
IC103	B-5	Q207	G-6
IC201	F-7	Q301	F-6
IC202	G-7	Q302	F-7
IC203	G-6	Q401	G-6
IC204	G-6	Q402	F-4
IC301	C-5	Q403	F-3
IC302	C-4	Q405	F-4
IC303	C-4	Q406	F-4
IC304	E-6	Q601	B-3
IC305	E-5	Q602	C-4
IC306	F-6	Q603	D-4
IC307	E-6	Q604	C-4
IC308	G-6	Q605	C-4
IC309	F-6	Q701	B-3
IC310	G-6	Q702	B-3
IC401	F-4	Q801	A-1
IC402	F-4	Q901	D-4
IC403	F-3		
IC404	F-4	RV300	F-1
IC405	E-3		
IC406	F-4	SL1	F-3
IC407	F-4		
IC408	F-3	TP201	F-7
IC451	E-4	TP202	G-6
IC452	E-4	TP203	G-6
IC453	E-4	TP601	B-1
IC454	E-4	TP602	B-1
IC455	E-4	TP603	C-1
IC502	B-6		
IC503	B-7		
IC601	F-5		
IC602	F-3		
IC603	G-3		
IC604	G-1		
IC605	E-1		
IC606	A-3		
IC607	A-4		
LOT NO.	C-1		
S NO.	D-1		



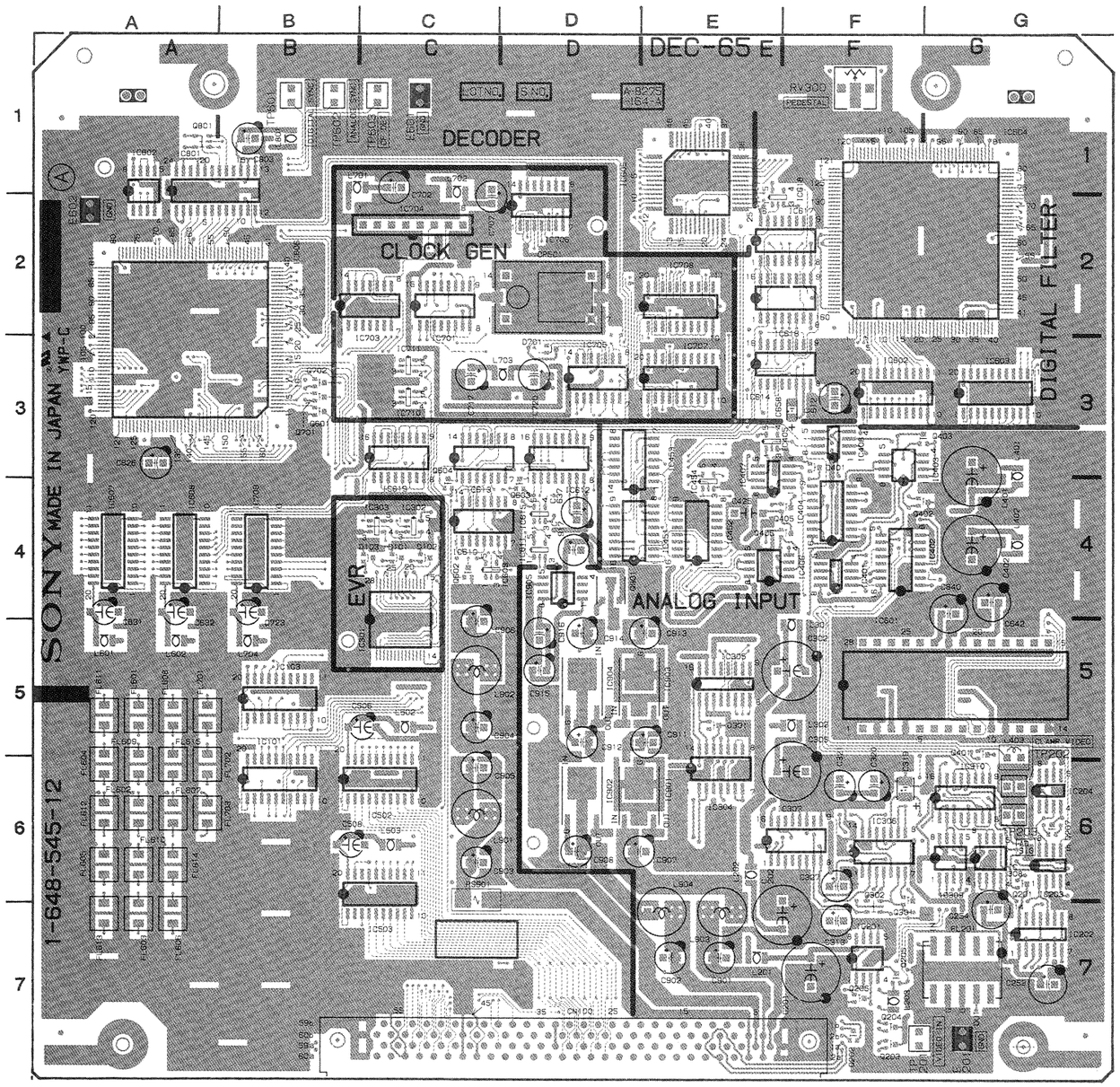
DEC-65 BOARD -B SIDE-

1-648-545-13

BKDW-505(UCJ) ; DEC-65 MCB ; #11305-14130
BKDW-506(EK) ; DEC-65P MCB ; #11201-12930
BKDW-506(UC) ; DEC-65PG MCB ; #10031-10220

DEC-65 ; Analog composite video decoder (Composite-component conversion, A/D conversion)

BKDW-505(UCJ)	**;**	**S/N 10701 through 11304**
BKDW-506(EK)	**;**	**S/N 10751 through 11200**
BKDW-506(UC)	**;**	**S/N 10021 through 10030**



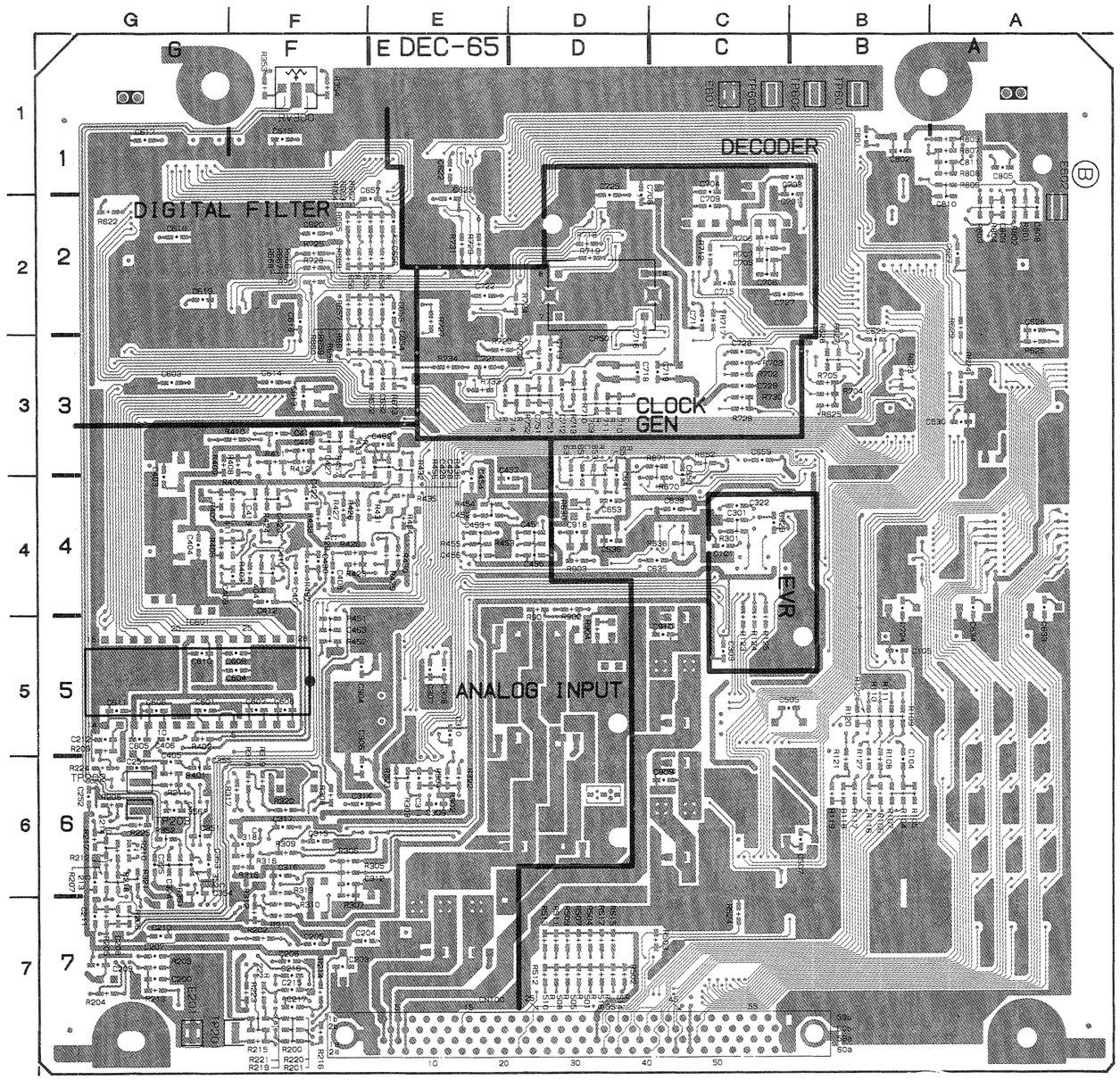
DEC-65 BOARD -A SIDE-

1-648-545-12

BKDW-505(UCJ) ; DEC-65 MCB ; #10701 - #11304
BKDW-506(EK) ; DEC-65P MCB ; #10751 - #11200
BKDW-506(UC) ; DEC-65PG MCB ; #10021 - #10030

DEC-65(1-648-545-12)

CN100	D-7	IC612	D-4
		IC613	C-3
CP501	D-2	IC614	E-3
		IC615	D-4
D101	C-4	IC616	E-2
D102	C-4	IC617	E-2
D103	C-4	IC618	E-2
D301	E-5	IC619	C-3
D401	F-3	IC701	C-2
D701	D-3	IC703	B-2
		IC704	C-2
E201	G-7	IC705	D-3
E601	C-1	IC706	D-2
E602	A-2	IC707	E-3
		IC708	E-2
FL201	G-7	IC709	B-4
FL601	A-5	IC710	C-3
FL602	A-6	IC711	C-3
FL603	A-7	IC801	A-1
FL604	A-6	IC802	A-1
FL605	A-6	IC901	E-6
FL606	A-7	IC902	E-6
FL607	A-6	IC903	E-5
FL608	A-5	IC904	E-5
FL609	A-6	IC905	D-4
FL610	A-6		
FL611	A-5	PS901	C-6
FL612	A-6		
FL613	A-7	Q201	G-7
FL614	A-6	Q202	F-7
FL615	A-6	Q203	F-7
FL701	A-5	Q204	F-7
FL702	A-6	Q205	F-7
FL703	A-6	Q206	F-7
		Q207	G-6
IC101	B-6	Q301	F-6
IC103	B-5	Q302	F-7
IC201	F-7	Q401	G-6
IC202	G-7	Q402	F-4
IC203	G-6	Q403	F-3
IC204	G-6	Q405	F-4
IC301	C-5	Q406	F-4
IC302	C-4	Q601	B-3
IC303	C-4	Q602	C-4
IC304	E-6	Q603	D-4
IC305	E-5	Q604	C-4
IC306	F-6	Q701	B-3
IC307	E-6	Q702	B-3
IC308	G-6	Q801	A-1
IC309	G-6	Q901	D-4
IC310	G-6		
IC401	F-4	RV300	F-1
IC402	F-4		
IC403	F-3	TP201	F-7
IC404	F-4	TP202	G-6
IC405	E-3	TP203	G-6
IC406	F-4	TP601	B-1
IC407	F-4	TP602	B-1
IC408	F-3	TP603	C-1
IC451	E-4		
IC452	E-4		
IC453	E-4		
IC454	E-4		
IC502	B-6		
IC503	B-7		
IC601	F-5		
IC602	F-3		
IC603	G-3		
IC604	G-1		
IC605	E-1		
IC606	A-3		
IC607	A-4		
IC608	A-4		
IC609	C-4		
IC610	C-4		
IC611	D-4		
LOT NO.	C-1		
S NO.	D-1		



DEC-65 BOARD -B SIDE-

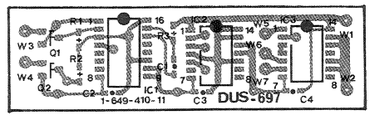
1-648-545-12

BKDW-505(UCJ) ; DEC-65 MCB ; #10701 - #11304
BKDW-506(EK) ; DEC-65P MCB ; #10751 - #11200
BKDW-506(UC) ; DEC-65PG MCB ; #10021 - #10030

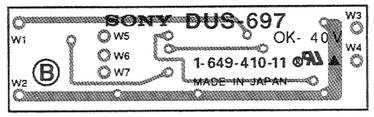
DEC-65, DUS-697/719/722 BKDW-505/506

DEC-65 ; Analog composite video decoder (Composite-component conversion, A/D conversion)
DUS-697/719/722

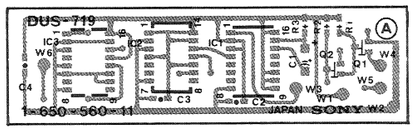
BKDW-505(UCJ)	;	S/N 10001 through 10700
BKDW-506(EK)	;	S/N 10001 through 10750
BKDW-506(UC)	;	S/N 10001 through 10020



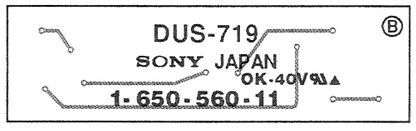
DUS-697 BOARD -A SIDE-
1-649-410-11
for BKDW-506 only



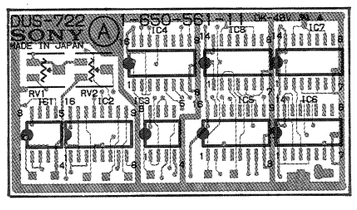
DUS-697 BOARD -B SIDE-
1-649-410-11
for BKDW-506 only



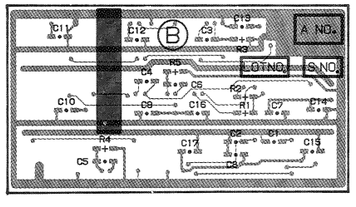
DUS-719 BOARD -A SIDE-
1-650-560-11



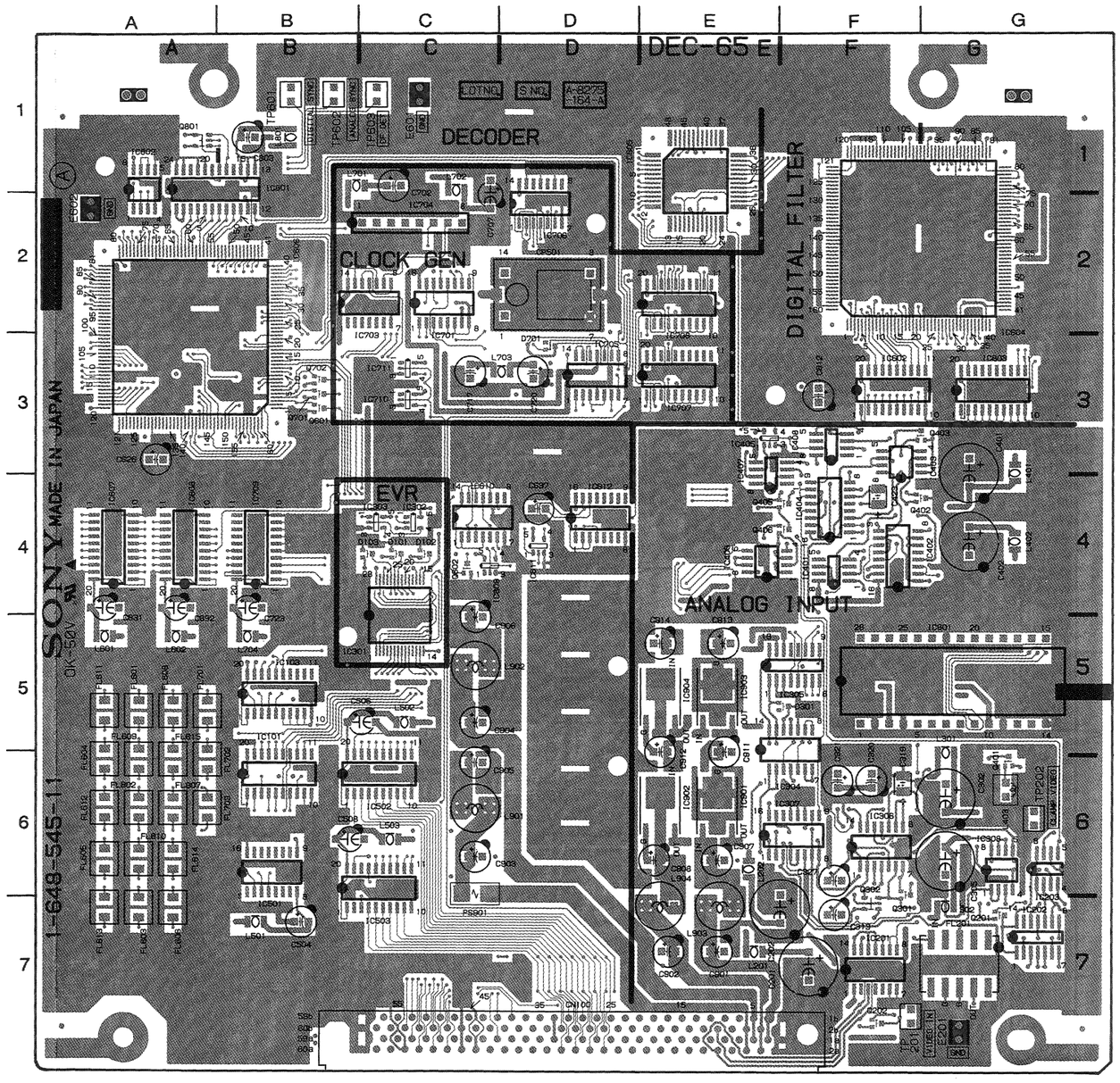
DUS-719 BOARD -B SIDE-
1-650-560-11



DUS-722 BOARD -A SIDE-
1-650-561-11



DUS-722 BOARD -B SIDE-
1-650-561-11

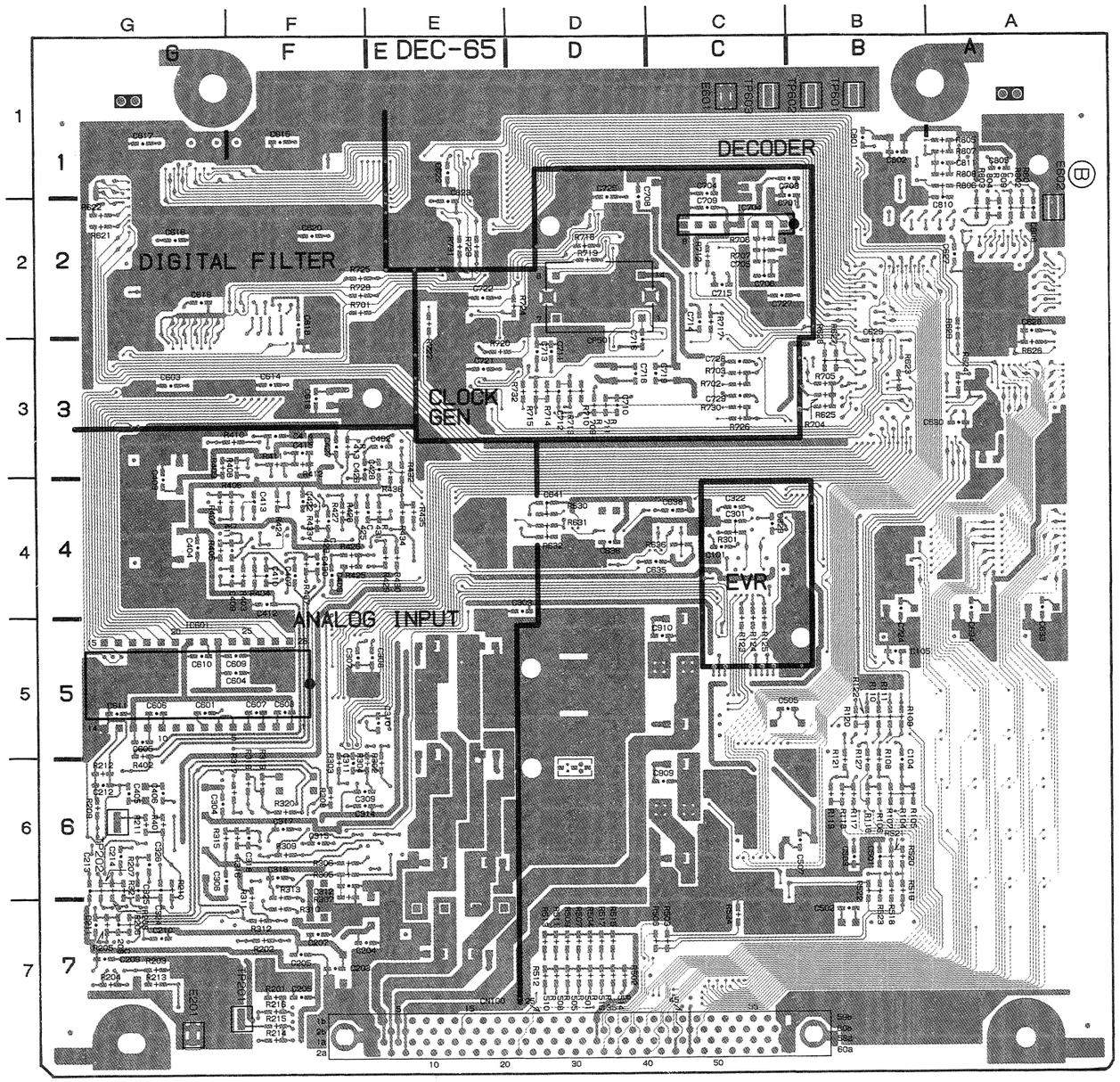


DEC-65 BOARD -A SIDE-
1-648-545-11
BKDW-505(UCJ) ; DEC-65 MCB ; #10001 - #10700
BKDW-506(EK) ; DEC-65P MCB ; #10001 - #10750
BKDW-506(UC) ; DEC-65PG MCB ; #10001 - #10020

1-124 (a)

DEC-65(1-648-545-11)

CN100	D-7	IC708	E-2
		IC709	B-4
CP501	D-2	IC710	C-3
		IC711	C-3
D101	C-4	IC801	A-1
D102	C-4	IC802	A-1
D103	C-4	IC901	E-6
D301	F-5	IC902	E-6
D701	D-3	IC903	E-5
		IC904	E-5
E201	G-7		
E601	C-1	PS901	C-6
E602	A-2		
		Q201	G-7
FL201	G-7	Q202	F-7
FL601	A-5	Q301	F-6
FL602	A-6	Q302	F-7
FL603	A-7	Q401	G-6
FL604	A-6	Q402	F-4
FL605	A-6	Q403	F-3
FL606	A-7	Q405	F-4
FL607	A-6	Q406	F-4
FL608	A-5	Q601	B-3
FL609	A-6	Q602	C-4
FL610	A-6	Q701	B-3
FL611	A-5	Q702	B-3
FL612	A-6	Q801	A-1
FL613	A-7		
FL614	A-6	TP201	F-7
FL615	A-6	TP202	G-6
FL701	A-5	TP601	B-1
FL702	A-6	TP602	B-1
FL703	A-6	TP603	C-1
IC101	B-6		
IC103	B-5		
IC201	F-7		
IC202	G-7		
IC203	G-6		
IC301	C-5		
IC302	C-4		
IC303	C-4		
IC304	E-6		
IC305	E-5		
IC306	F-6		
IC307	E-6		
IC308	G-6		
IC401	F-4		
IC402	F-4		
IC403	F-3		
IC404	F-4		
IC405	E-3		
IC406	F-4		
IC407	F-4		
IC408	F-3		
IC501	B-6		
IC502	B-6		
IC503	B-7		
IC601	F-5		
IC602	F-3		
IC603	G-3		
IC604	G-2		
IC605	E-1		
IC606	A-3		
IC607	A-4		
IC608	A-4		
IC609	C-4		
IC610	C-4		
IC611	D-4		
IC612	D-4		
IC701	C-2		
IC703	B-2		
IC704	C-2		
IC705	D-3		
IC706	D-2		
IC707	E-3		
LOT NO.	C-1		
S NO.	D-1		



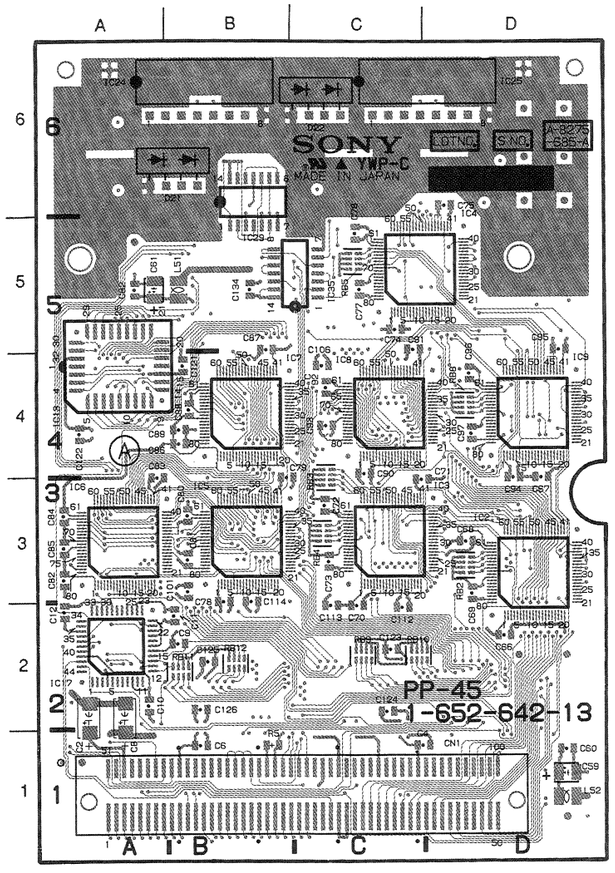
DEC-65 BOARD -B SIDE-

1-648-545-11

BKDW-505(UCJ) ; DEC-65 MCB ; #10001 - #10700
BKDW-506(EK) ; DEC-65P MCB ; #10001 - #10750
BKDW-506(UC) ; DEC-65PG MCB ; #10001 - #10020

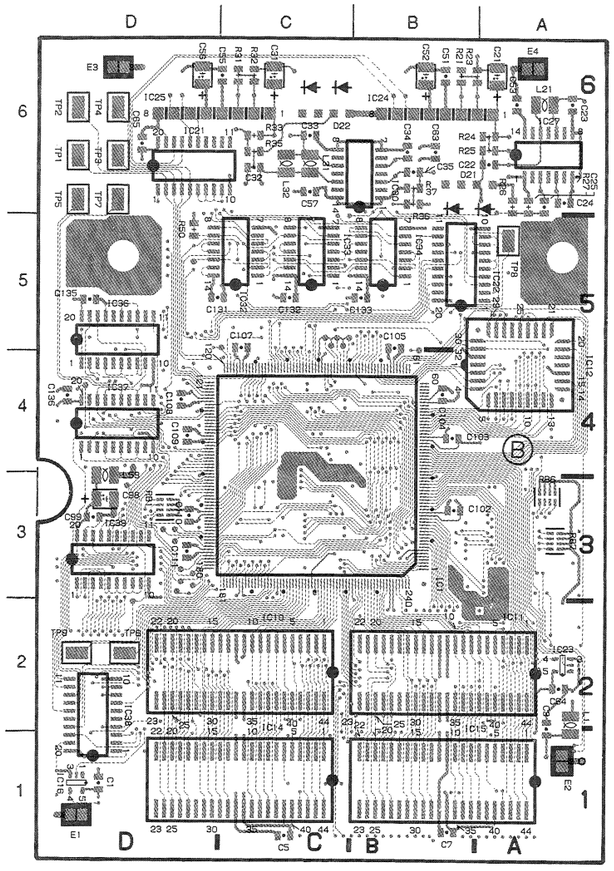
PP-45 ; Audio program play

BKDW-507



PP-45 BOARD -A SIDE-

1-652-642-13
BKDW-507 ; PP-45 MCB ; #10001 -



PP-45 BOARD -B SIDE-

1-652-642-13
BKDW-507 ; PP-45 MCB ; #10001 -

PP-45 (1-652-642-13)

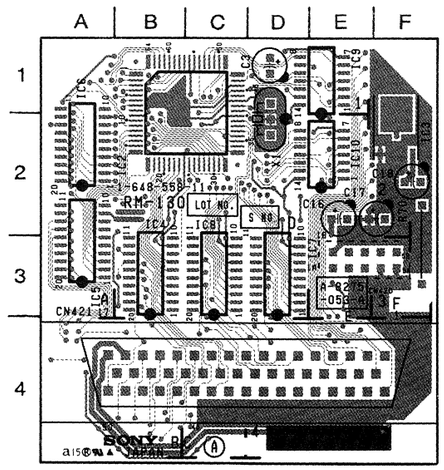
CN1	D-1
D21	B-6
D22	B-6
✱E1	D-1
✱E2	A-1
✱E3	D-6
✱E4	A-6
✱IC1	B-3
✱IC2	D-3
✱IC3	C-3
✱IC4	D-5
✱IC5	B-3
✱IC6	A-3
✱IC7	B-4
✱IC8	C-4
✱IC9	D-4
✱IC10	C-2
✱IC11	B-2
✱IC12	A-4
IC13	A-4
✱IC14	C-1
✱IC15	B-1
✱IC16	D-1
IC17	A-2
✱IC21	D-6
✱IC22	B-5
✱IC23	A-2
IC24	A-6
IC25	D-6
✱IC27	A-6
IC29	B-6
✱IC30	B-6
✱IC32	C-5
✱IC33	C-5
✱IC34	B-5
IC35	C-5
✱IC36	D-5
✱IC37	D-4
✱IC38	D-2
✱IC39	D-3
✱RB1	D-3
RB2	D-3
RB3	C-3
RB4	C-3
RB5	C-5
✱RB6	A-3
✱RB7	A-3
RB8	D-4
RB9	C-2
RB10	C-2
RB11	B-2
RB12	B-2
✱TP1	D-6
✱TP2	D-6
✱TP3	D-6
✱TP4	D-6
✱TP5	D-6
✱TP6	D-2
✱TP7	D-6
✱TP8	A-5
✱TP9	D-2

✱ : B SIDE

LOT NO.	D-6
S NO.	D-6

RM-130 ; Parallel (50P) interface

BKDW-509



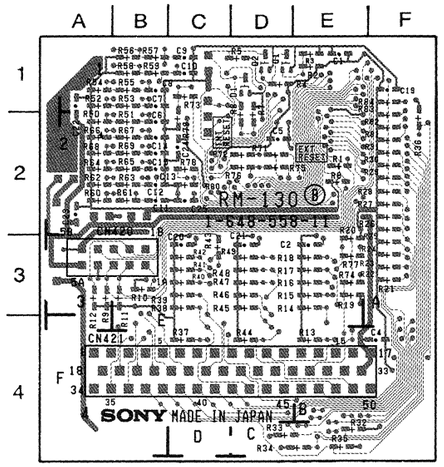
RM-130 BOARD -A SIDE-
1-648-558-11
BKDW-509 ; RM-130 MCB ; #10001 -

RM-130(1-648-558-11)

✱CN420	E-3
CN421	D-4
✱D1	C-1
IC2	C-1
IC3	F-2
IC4	B-3
IC5	A-3
IC6	A-2
IC7	D-3
IC8	C-3
IC9	E-1
IC10	E-2
✱Q1	C-1
✱Q2	C-1
X1	D-2

✱ : B SIDE

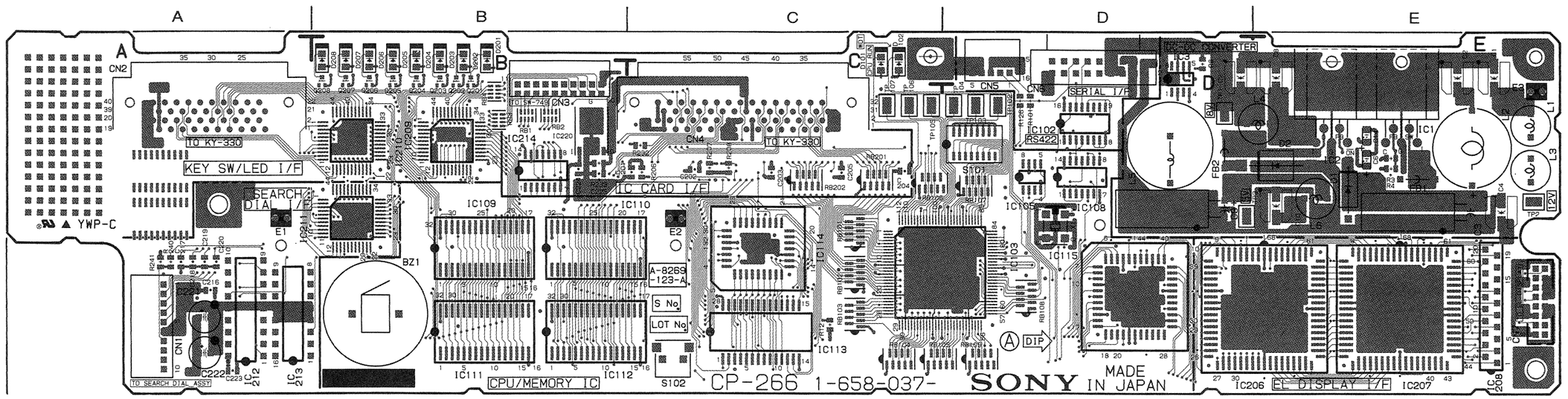
LOT NO.	C-2
S NO.	D-2



RM-130 BOARD -B SIDE-
1-648-558-11
BKDW-509 ; RM-130 MCB ; #10001 -

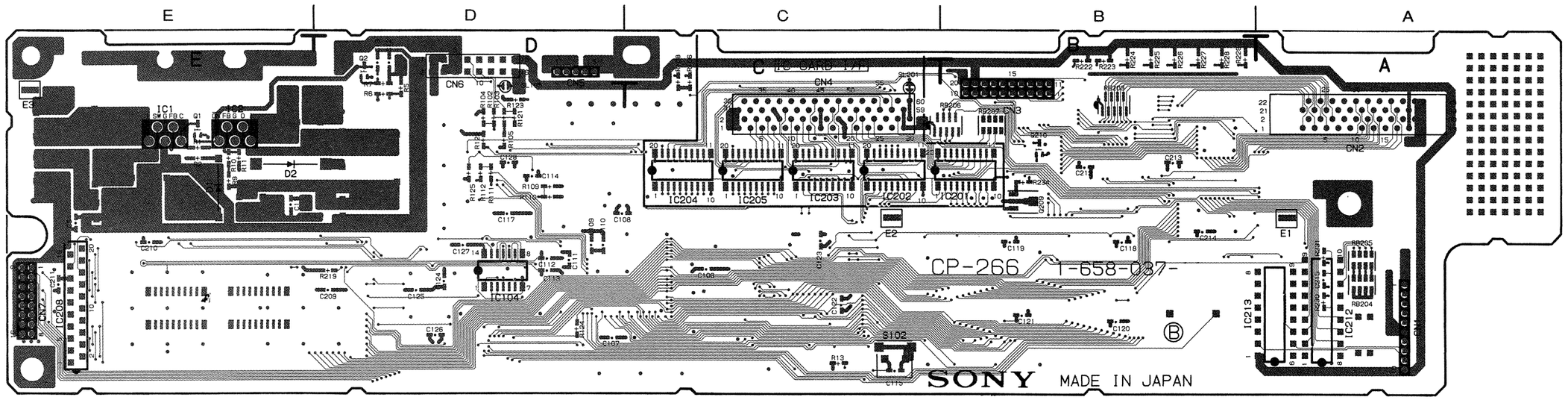
CP-266; Panel control CPU, EL control, PIO, Memory card I/F

BKDW-515



CP-266 BOARD -A SIDE-

1-658-037-11,12
BKDW-515 ; CP-266 MCB ; #10001-



CP-266 BOARD -B SIDE-

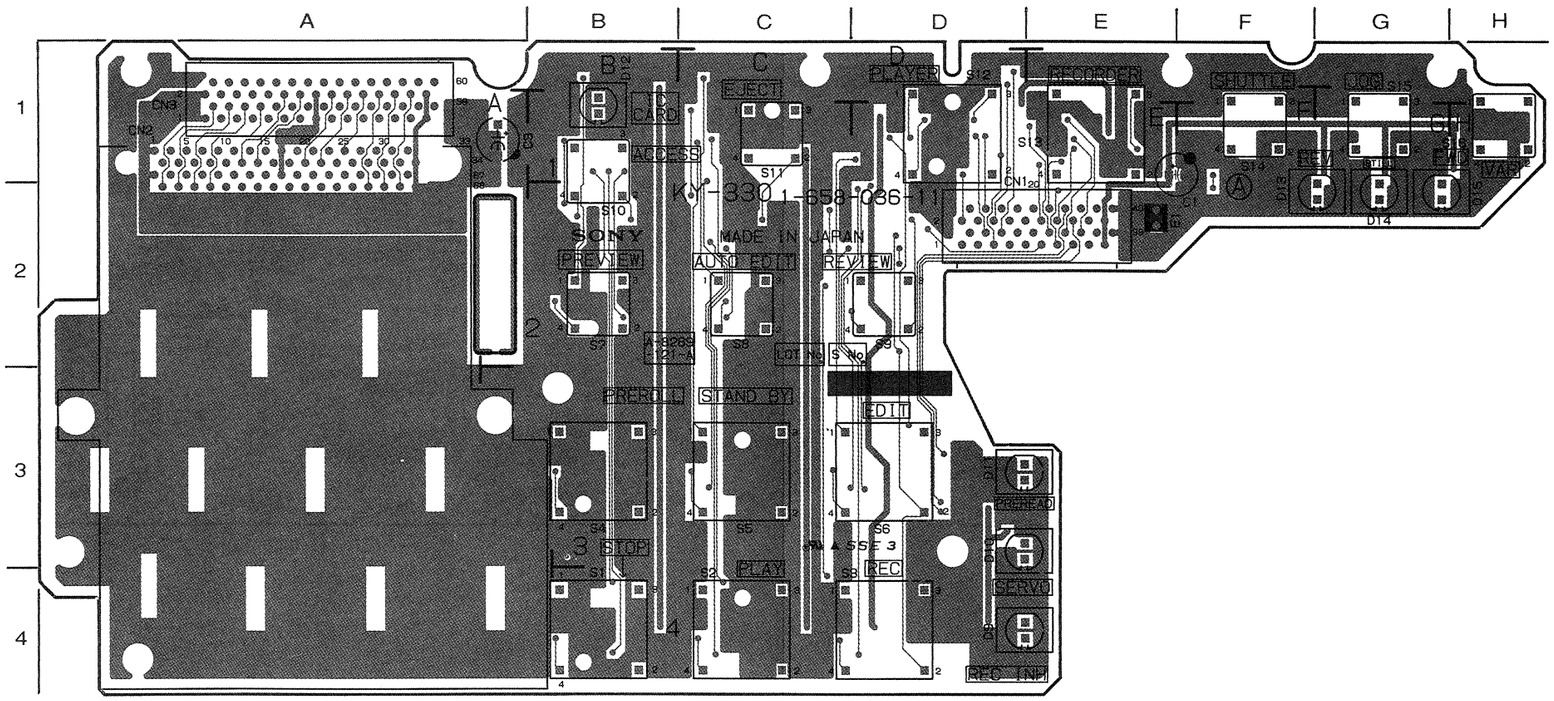
1-658-037-11,12
BKDW-515 ; CP-266 MCB ; #10001-

CP-266 (1-658-037-11,12)

BZ1	B-1	FB2	D-1	* IC203	C-1	L4	E-1	RB108	D-1
				* IC204	C-1	L5	D-1	RB109	D-1
CN1	A-1	IC1	E-1	* IC205	C-1	L6	E-1	RB201	C-1
CN2	A-1	IC2	E-1	IC206	E-1			RB202	C-1
CN3	B-1	IC3	D-1	IC207	E-1	* Q1	E-1	* RB203	B-1
CN4	C-1	IC102	D-1	IC208	E-1	* Q2	D-1	* RB204	A-1
CN5	D-1	IC103	C-1	IC209	B-1	* Q209	B-1	* RB205	A-1
CN6	D-1	* IC104	D-1	IC210	B-1	* Q210	B-1	* RB206	B-1
CN7	E-1	IC105	D-1	IC211	B-1			* RB207	B-1
		IC108	D-1	IC212	A-1	RB1	B-1		
D1	E-1	IC109	B-1	IC213	A-1	RB2	B-1	S101	D-1
D2	E-1	IC110	B-1	IC214	B-1	RB3	B-1	S102	C-1
D101	C-1	IC111	B-1	IC220	B-1	RB4	B-1		
D102	C-1	IC112	B-1			RB101	C-1	TP1	D-1
		IC113	C-1	IS114	C-1	RB102	C-1	TP2	E-1
E1	A-1	IC114	C-1	IS115	D-1	RB103	C-1	TP3	D-1
E2	C-1	IC115	D-1			RB104	C-1		
E3	E-1	IC116	C-1	L1	E-1	RB105	C-1	X1	D-1
		* IC201	C-1	L2	E-1	RB106	C-1		
FB1	E-1	* IC202	C-1	L3	E-1	RB107	D-1	* : B SIDE	
								LOT NO.	C-1

KY-330; Editing operation/Tape transeport control, Memory card connector

BKDW-515

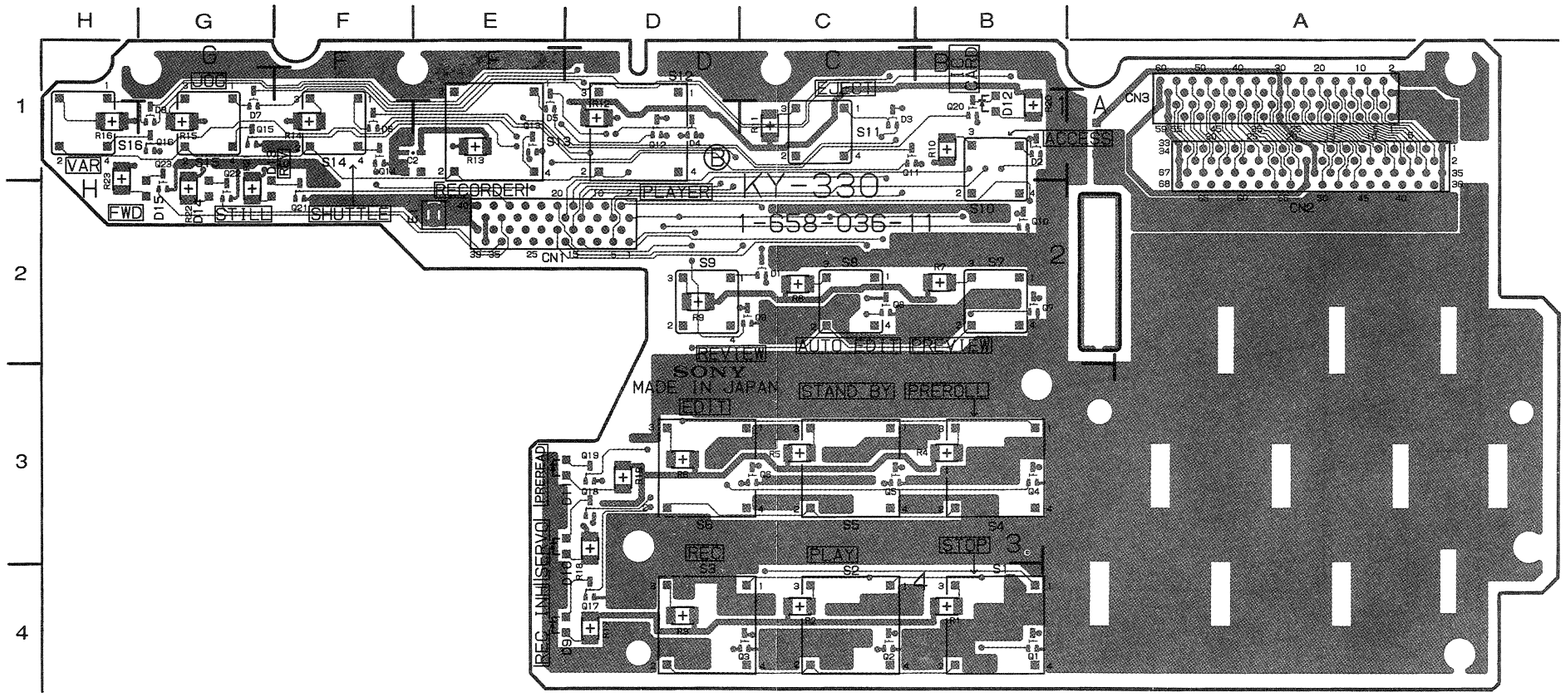


KY-330 BOARD -A SIDE-

1-658-036-11
BKDW-515 ; KY-330 MCB ; #10001-

KY-330 (1-658-036-11)

CN1	E-2	* Q11	C-1
CN2	A-1	* Q12	D-1
CN3	A-1	* Q13	E-1
		* Q14	F-1
* D1	C-2	* Q15	G-1
* D2	B-1	* Q16	G-1
* D3	C-1	* Q17	D-4
* D4	D-1	* Q18	D-3
* D5	E-1	* Q19	D-3
* D6	F-1	* Q20	B-1
* D7	G-1	* Q21	F-2
* D8	G-1	* Q22	G-2
D9	D-4	* Q23	G-2
D10	D-3		
D11	D-3	S1	B-4
D12	B-1	S2	C-4
D13	G-2	S3	D-4
D14	G-2	S4	B-3
D15	G-2	S5	C-3
		S6	D-3
E1	E-2	S7	B-2
		S8	C-2
* Q1	B-4	S9	D-2
* Q2	C-4	S10	B-1
* Q3	C-4	S11	C-1
* Q4	B-3	S12	D-1
* Q5	C-3	S13	E-1
* Q6	C-3	S14	F-1
* Q7	B-2	S15	G-1
* Q8	C-2	S16	H-1
* Q9	C-2		
* Q10	B-2	* : B SIDE	
		LOT NO.	C-2

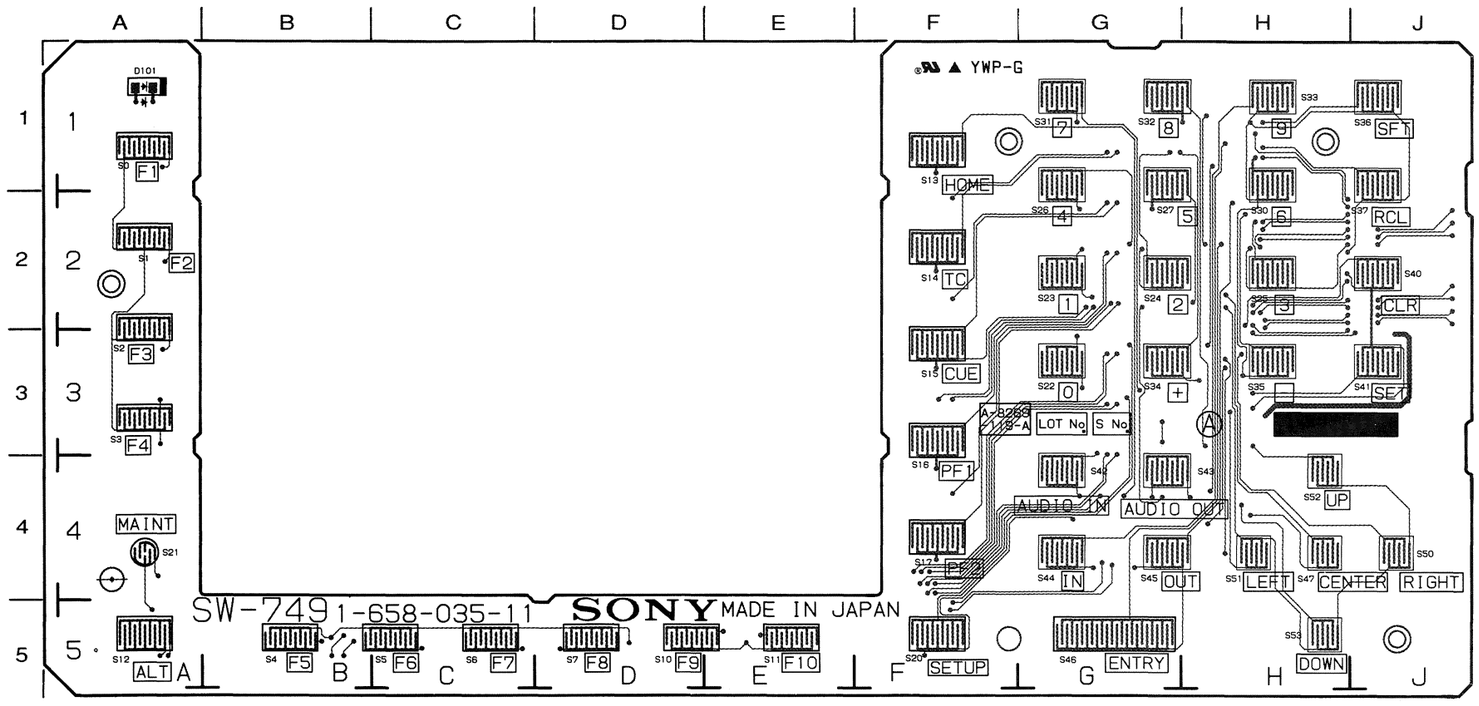


KY-330 BOARD -B SIDE-

1-658-036-11
BKDW-515 ; KY-330 MCB ; #10001-

SW-749; Function control

BKDW-515



SW-749 BOARD -A SIDE-

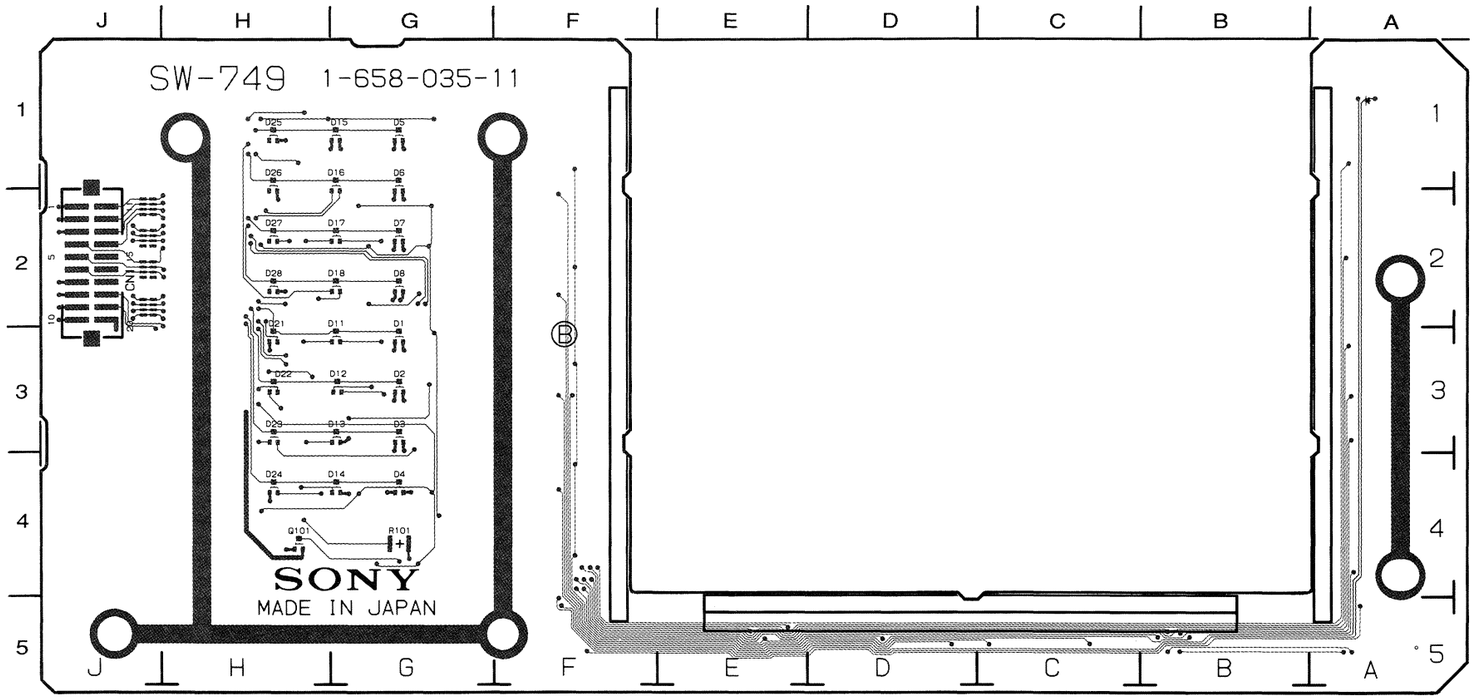
1-658-035-11
BKDW-515 ; SW-749 MCB ; #10001-

SW-749 (1-658-035-11)

* CN1	J-2
* D1	G-3
* D2	G-3
* D3	G-3
* D4	G-1
* D6	G-1
* D7	G-2
* D8	G-2
* D11	G-3
* D12	G-3
* D13	G-3
* D14	G-4
* D15	G-1
* D16	G-1
* D17	G-2
* D18	G-2
* D21	H-3
* D22	H-3
* D23	H-3
* D24	H-4
* D25	H-1
* D26	H-1
* D27	H-2
* D28	H-2
D101	A-1
* Q101	H-4

* : B SIDE

LOT NO. G-3



SW-749 BOARD -B SIDE-

1-658-035-11
BKDW-515 ; SW-749 MCB ; #10001-